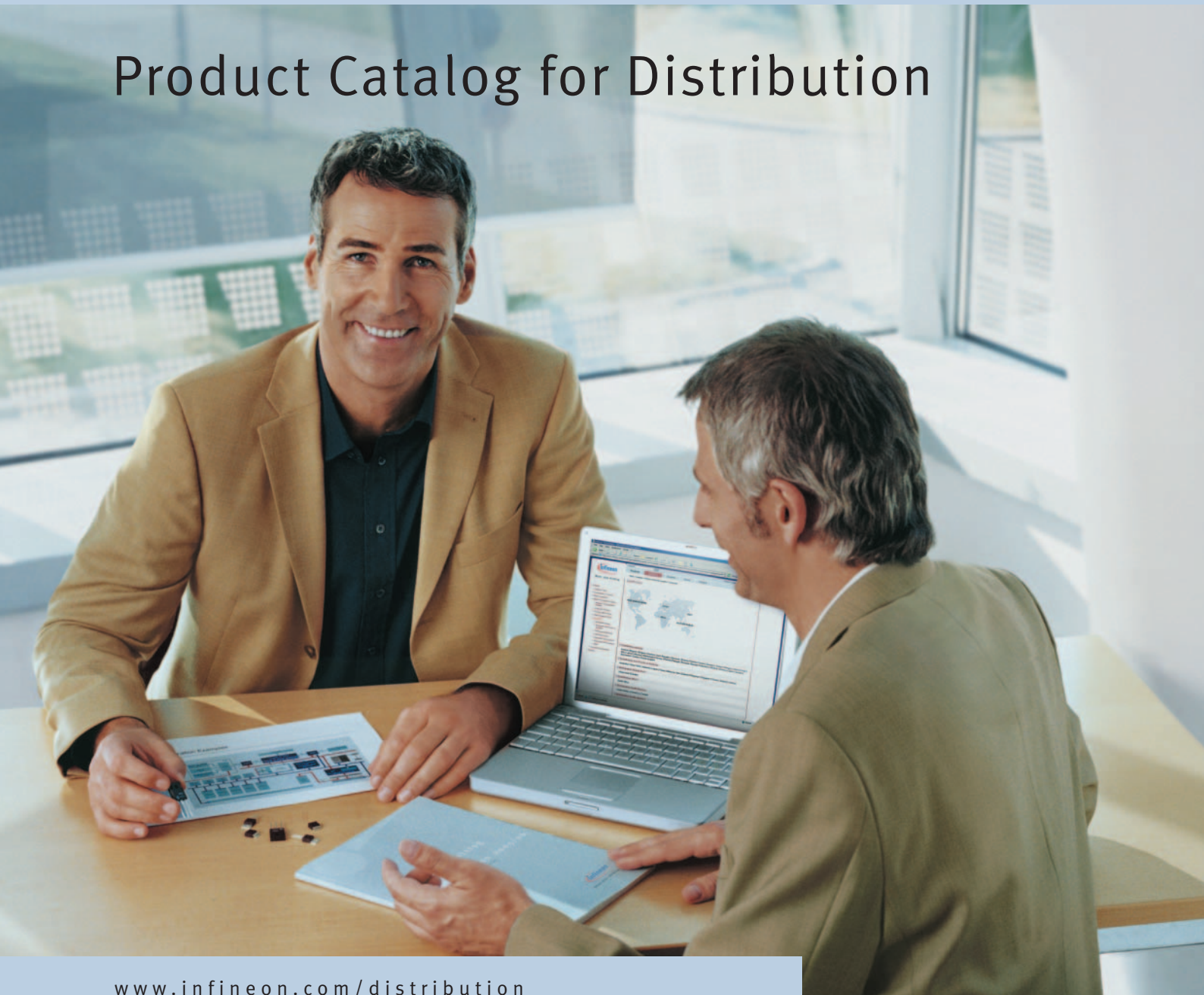


Product Catalog for Distribution



www.infineon.com/distribution

Power Semiconductors



Never stop thinking

Edition July 2006

**Published by
Infineon Technologies AG
81726 München, Germany**

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Reflecting the depth and range of our offering, this overview extends from communication devices and microcontrollers through power semiconductors and discretes to sensors and security solutions. For fast and easy reference, we have kept technical details to a minimum and added an overview of all device names and order codes at the back. Please refer to our data sheets, data books and user's manuals if you require in-depth technical data on a given product.

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- ▼ Newly included components
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- ◆ Products available through dedicated distributors
- SMD (**S**urface **M**ounted **D**eVICES)
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- ® Registered trademark
- TM Trademark

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Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{DS} V	$R_{DS(on)}$ Ω	$V_{GS(th)}$ V	I_D A

Power Transistors

N-Channel Enhancement Types (SIPMOS®)

Low Voltage MOSFETs 50 V

BSP 295	SP000011105	SOT223	50	0.3000	0.8 ... 2.0	1.80
▼ BSP 295 G	SP000089210	SOT223	50	0.3000	0.8 ... 2.0	1.80

N-Channel Enhancement Types (SIPMOS®)

Low Voltage MOSFETs 55 V

▼ SPB 80N06S-08	SP000054056	P-TO263-3-2	55	0.0077	2.1 ... 4.0	80
▼ SPI 80N06S-08	SP000054055	P-TO262-3-1	55	0.0077	2.1 ... 4.0	80

N-Channel Enhancement Types (SIPMOS®)

Low Voltage MOSFETs 60 V

BSO 615N	SP000011097	P-DSO-8-5	60	0.1500	1.2 ... 2.0	2.60
▼ BSO 615N G	SP000216316	PG-DSO-8-5	60	0.1500	1.2 ... 2.0	2.60
BSP 318S	SP000011112	SOT23	60	0.1500	1.2 ... 2.0	2.60
▼ BSP 318S G	SP000235371	SOT23	60	0.1500	1.2 ... 2.0	2.60
BSP 320S E-6327	SP000011115	SOT23	60	0.1200	2.1 ... 4.0	2.90
▼ BSP 320S E-6433	SP000011116	SOT23	60	0.1200	2.1 ... 4.0	2.90
BSP 320S G E-6327	SP000235375	SOT23	60	0.1200	2.1 ... 4.0	2.90
▼ BSP 320S G E-6433	SP000235376	SOT23	60	0.1200	2.1 ... 4.0	2.90
BSS 138N E-6327	SP000014560	SOT23	60	3.5000	0.6 ... 1.4	0.23
▼ BSS 138N G E-6327	SP000074207	SOT23	60	3.5000	0.6 ... 1.4	0.23
BSS 138N E-6433	SP000014561	SOT23	60	3.5000	0.6 ... 1.4	0.23
▼ BSS 138N E-6908	SP000014564	SOT23	60	3.5000	0.6 ... 1.4	0.23
▼ BSS 138N E-7854	SP000014562	SOT23	60	3.5000	0.6 ... 1.4	0.23
▼ BSS 138N E-8004	SP000014563	SOT23	60	3.5000	0.6 ... 1.4	0.23
BSS 138W E-6327	SP000014283	SOT323	60	3.5000	0.6 ... 1.4	0.28
▼ BSS 138W E-6433	SP000014284	SOT323	60	3.5000	0.6 ... 1.4	0.28
BSS 7728N	SP000014637	SOT23	60	5.0000	1.3 ... 2.3	0.20
SN 7002N E-6327	SP000014634	SOT23	60	5.0000	0.8 ... 1.8	0.20
SN 7002N E-6433	SP000014635	SOT23	60	5.0000	0.8 ... 1.8	0.20
▼ SN 7002N G E-6327	SP000074235	SOT23	60	5.0000	0.8 ... 1.8	0.20
▼ SN 7002N G E-6433	SP000076522	SOT23	60	5.0000	0.8 ... 1.8	0.20
SN 7002W E-6327	SP000014285	SOT323	60	5.0000	0.8 ... 1.8	0.23
▼ SN 7002W E-6433	SP000014286	SOT323	60	5.0000	0.8 ... 1.8	0.23

N-Channel Enhancement Types (SIPMOS®)

Low Voltage MOSFETs 100 V

BSP 123	SP000011099	SOT223	100	6.000	0.8 ... 2.0	0.38
▼ BSP 123 G	SP000089202	SOT223	100	6.000	0.8 ... 2.0	0.38
BSP 296 G E-6327	SP000011106	SOT223	100	0.800	0.8 ... 2.0	1.00
▼ BSP 296 E-6433	SP000011107	SOT223	100	0.800	0.8 ... 2.0	1.00
▼ BSP 296 G E-6327	SP000089209	SOT223	100	0.800	0.8 ... 2.0	1.00
▼ BSP 296 G E-6433	SP000089212	SOT223	100	0.800	0.8 ... 2.0	1.00
BSP 372	SP000011120	SOT223	100	0.310	0.8 ... 2.0	1.70
▼ BSP 372 G	SP000087064	SOT223	100	0.310	0.8 ... 2.0	1.70

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{DS} V	$R_{DS(on)}$ Ω	$V_{GS(th)}$ V	I_D A

Power Transistors

N-Channel Enhancement Types (SIPMOS®)

Low Voltage MOSFETs 100 V

(cont'd)

BSP 373	SP000011121	SOT223	100	0.300	2.1 ... 4.0	1.70
▼ BSP 373 G	SP000087065	SOT223	100	0.300	2.1 ... 4.0	1.70
BSS 119 E -6327	SP000011161	SOT23	100	6.000	1.6 ... 2.6	0.17
▼ BSS 119 E-6433	SP000011164	SOT23	100	6.000	1.6 ... 2.6	0.17
▼ BSS 119 E-7796	SP000011162	SOT23	100	6.000	1.6 ... 2.6	0.17
▼ BSS 119 E-7978	SP000011163	SOT23	100	6.000	1.6 ... 2.6	0.17
BSS 123 E-6327	SP000011165	SOT23	100	6.000	0.8 ... 2.0	0.17
▼ BSS 123 G E-6327	SP000084574	SOT23	100	6.000	0.8 ... 2.0	0.17
▼ BSS 123 E-6433	SP000011166	SOT23	100	6.000	0.8 ... 2.0	0.17
▼ BSS 123 E-7874	SP000011167	SOT23	100	6.000	0.8 ... 2.0	0.17
■ BUZ 344	SP000011354	P-TO218-3-1	100	0.035	2.1 ... 4.0	46
■ BUZ 345	SP000011355	P-TO218-3-1	100	0.045	2.1 ... 4.0	41
■ BUZ 349	SP000011356	P-TO218-3-1	100	0.060	2.1 ... 4.0	32
SPB 10N10	SP000013845	P-TO263-3-2	100	0.170	2.1 ... 4.0	10.3
▼ SPB 10N10 G	SP000102170	PG-TO263-3-2	100	0.170	2.1 ... 4.0	10.3
SPB 10N10L	SP000013836	P-TO263-3-2	100	0.154	1.2 ... 2.0	10.3
▼ SPB 10N10L G	SP000102169	PG-TO263-3-2	100	0.154	1.2 ... 2.0	10.3
SPB 21N10	SP000013626	P-TO263-3-2	100	0.080	2.1 ... 4.0	21
▼ SPB 21N10 G	SP000102171	PG-TO263-3-2	100	0.080	2.1 ... 4.0	21
SPB 35N10	SP000013627	P-TO263-3-2	100	0.044	2.1 ... 4.0	35
▼ SPB 35N10 G	SP000102172	PG-TO263-3-2	100	0.044	2.1 ... 4.0	35
SPB 47N10	SP000012327	P-TO263-3-2	100	0.033	2.1 ... 4.0	47
SPB 47N10L	SP000012078	P-TO263-3-2	100	0.026	1.2 ... 2.0	47
SPB 70N10L	SP000012079	P-TO263-3-2	100	0.016	1.2 ... 2.0	70
SPB 80N10L	SP000014350	P-TO263-3-2	100	0.014	1.2 ... 2.0	80
▼ SPB 80N10L G	SP000102173	PG-TO263-3-2	100	0.014	1.2 ... 2.0	80
SPD 11N10	SP000013847	P-TO252-3-1	100	0.179	2.1 ... 4.0	10.5
SPD 35N10	SP000013853	P-TO252-3-1	100	0.044	2.1 ... 4.0	35
SPI 10N10	SP000013846	P-TO262-3-1	100	0.170	2.1 ... 4.0	10.3
SPI 10N10L	SP000013850	P-TO262-3-1	100	0.154	1.2 ... 2.0	10.3
SPI 21N10	SP000013843	P-TO262-3-1	100	0.080	2.1 ... 4.0	21
SPI 35N10	SP000013852	P-TO262-3-1	100	0.044	2.1 ... 4.0	35
SPI 47N10	SP000013951	P-TO262-3-1	100	0.033	2.1 ... 4.0	47
▼ SPI 47N10L	SP000013952	P-TO262-3-1	100	0.026	1.2 ... 2.0	47
▼ SPI 70N10L	SP000014005	P-TO262-3-1	100	0.016	1.2 ... 2.0	70
SPI 80N10L	SP000014351	P-TO262-3-1	100	0.014	1.2 ... 2.0	80
SPP 10N10	SP000013844	P-TO220-3-1	100	0.170	2.1 ... 4.0	10.3
SPP 10N10L	SP000013849	P-TO220-3-1	100	0.154	1.2 ... 2.0	10.3
SPP 21N10	SP000013842	P-TO220-3-1	100	0.080	2.1 ... 4.0	21
SPP 35N10	SP000013851	P-TO220-3-1	100	0.044	2.1 ... 4.0	35
SPP 47N10	SP000012415	P-TO220-3-1	100	0.033	2.1 ... 4.0	47
SPP 47N10L	SP000012102	P-TO220-3-1	100	0.026	1.2 ... 2.0	47
SPP 70N10L	SP000012103	P-TO220-3-1	100	0.016	1.2 ... 2.0	70
SPP 80N10L	SP000014349	P-TO220-3-1	100	0.014	1.2 ... 2.0	80
▼ SPU 11N10	SP000013848	P-TO220-3-1	100	0.179	2.1 ... 4.0	10.5

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{DS} V	$R_{DS(on)}$ Ω	$V_{GS(th)}$ V	I_D A

Power Transistors

N-Channel Enhancement Types (SIPMOS®) (for industrial applications)

Low Voltage MOSFETs 100 V

▼ IPB 70N10SL-16	SP000225700	PG-TO263-3-2	100	0.016	1.2 ... 2.0	70
▼ IPP 70N10SL-16	SP000225708	PG-TO220-3-1	100	0.016	1.2 ... 2.0	70

N-Channel Enhancement Types (SIPMOS®)

Low Voltage MOSFETs 100 V

BSP 297	SP000011108	SOT223	200	2.00	0.8 ... 2.0	0.65
▼ BSP 297 G	SP000089213	SOT223	200	2.00	0.8 ... 2.0	0.65
BUZ 30A	SP000011336	P-TO220-3-1	200	0.13	2.4 ... 4.0	21
▼ BUZ 30A E-3045A	SP000011337	P-TO263-3-1	200	0.13	2.4 ... 4.0	21
▼ BUZ 30A E-3045A	SP000102176	PG-TO263-3-1	200	0.13	2.4 ... 4.0	21
BUZ 31	SP000011341	P-TO220-3-1	200	0.20	2.4 ... 4.0	13.5
▼ BUZ 31 E-3045A	SP000011343	P-TO263-3-2	200	0.20	2.4 ... 4.0	13.5
▼ BUZ 31 E-3045A	SP000102175	PG-TO263-3-2	200	0.20	2.4 ... 4.0	13.5
▼ BUZ 31 E-3046	SP000011344	PG-TO263-3-2	200	0.20	2.4 ... 4.0	13.5
BUZ 31L	SP000011342	P-TO220-3-1	200	0.20	1.2 ... 2.0	13.5
▼ BUZ 31L E-3045A	SP000011961	P-TO263-3-2	200	0.20	1.2 ... 2.0	13.5
BUZ 32	SP000011345	P-TO220-3-1	200	0.40	2.4 ... 4.0	9.50
▼ BUZ 32 E-3045A	SP000011346	P-TO263-3-2	200	0.40	2.4 ... 4.0	9.50
▼ BUZ 32 E-3045A	SP000102174	PG-TO263-3-2	200	0.40	2.4 ... 4.0	9.50
BUZ 73	SP000011372	P-TO220-3-1	200	0.40	2.4 ... 4.0	7.00
▼ BUZ 73 E-3046	SP000011963	P-TO220-3-1	200	0.40	2.4 ... 4.0	7.00
BUZ 73A	SP000011373	P-TO220-3-1	200	0.60	2.4 ... 4.0	5.80
▼ BUZ 73A E-3046	SP000011962	P-TO220-3-1	200	0.60	2.4 ... 4.0	5.80
BUZ 73AL	SP000011375	P-TO220-3-1	200	0.60	1.2 ... 2.0	5.80
BUZ 73L	SP000011374	P-TO220-3-1	200	0.40	1.2 ... 2.0	7.00
■ BUZ 341	SP000011353	P-TO218-3-1	200	0.07	2.1 ... 4.0	33
■ BUZ 350	SP000011357	P-TO218-3-1	200	0.12	2.1 ... 4.0	22
SPD 07N20	SP000012080	P-TO252-3-1	200	0.40	2.1 ... 4.0	7.00
▼ SPD 07N20	SP000077394	PG-TO252-3-1	200	0.40	2.1 ... 4.0	7.00

N-Channel Enhancement Types (SIPMOS®)

Low Voltage MOSFETs 240 V

BSP 88	SP000011159	SOT223	240	8.00	0.6 ... 1.20	0.32
▼ BSP 88 G	SP000089217	SOT223	240	8.00	0.6 ... 1.20	0.32
BSP 89	SP000011160	SOT223	240	6.00	0.8 ... 2.00	0.36
▼ BSP 89 G	SP000089216	SOT223	240	6.00	0.8 ... 2.00	0.36
BSS 87 E-6327	SP000011182	SOT89	240	6.00	0.8 ... 2.0	0.29
▼ BSS 87 G E-6327	SP000095794	SOT89	240	6.00	0.8 ... 2.0	0.29
▼ BSS 87 E-6433	SP000082233	SOT89	240	6.00	0.8 ... 2.0	0.29
BSS 131 E-6327	SP000011168	SOT23	240	16.00	0.8 ... 2.0	0.10

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{DS} V	$R_{DS(on)}$ Ω	$V_{GS(th)}$ V	I_D A

Power Transistors

N-Channel Enhancement Types (OptiMOS®) Low Voltage MOSFETs 30 V

BSO 4410	SP000013453	P-DSO-8-1	30	0.0130	1.2 ... 2.0	11
▼ BSO 4410 G	SP000077498	PG-DSO-8-1	30	0.0130	1.2 ... 2.0	11
BSO 4420	SP000013336	P-DSO-8-1	30	0.0078	1.2 ... 2.0	13
▼ BSO 4420 G	SP000077585	PG-DSO-8-1	30	0.0078	1.2 ... 2.0	13
BSO 4804	SP000013606	P-DSO-8-1	30	0.0200	1.2 ... 2.0	13.5
▼ BSO 4804 G	SP000077616	PG-DSO-8-1	30	0.0200	1.2 ... 2.0	13.5
▼ BSO 4822	SP000080997	PG-DSO-8-1	30	0.0100	1.2 ... 2.0	21
▼ SPB 42N03S2L-13 G	SP000200137	PG-TO263-3-2	30	0.0120	1.2 ... 2.0	42
SPB 73N03S2L-08	SP000016257	P-TO263-3-2	30	0.0080	1.2 ... 2.0	73
▼ SPB 73N03S2L-08 G	SP000200138	PG-TO263-3-2	30	0.0080	1.2 ... 2.0	73
SPB 80N03S2-03	SP000016251	P-TO263-3-2	30	0.0034	1.2 ... 2.0	80
▼ SPB 80N03S2-03 G	SP000200139	PG-TO263-3-2	30	0.0034	1.2 ... 2.0	80
SPB 80N03S2L-03	SP000016252	P-TO263-3-2	30	0.0031	1.2 ... 2.0	80
▼ SPB 80N03S2L-03 G	SP000200142	PG-TO263-3-2	30	0.0031	1.2 ... 2.0	80
SPB 80N03S2L-04	SP000013901	P-TO263-3-2	30	0.0043	1.2 ... 2.0	80
▼ SPB 80N03S2L-04 G	SP000200143	PG-TO263-3-2	30	0.0043	1.2 ... 2.0	80
▼ SPB 80N03S2L-05 G	SP000200144	PG-TO263-3-2	30	0.0052	1.2 ... 2.0	80
SPB 80N03S2L-06	SP000016264	P-TO263-3-2	30	0.0059	1.2 ... 2.0	80
▼ SPB 80N03S2L-06 G	SP000200145	PG-TO263-3-2	30	0.0059	1.2 ... 2.0	80
SPB 100N03S2-03	SP000016260	P-TO263-3-2	30	0.0033	2.1 ... 4.0	100
▼ SPB 100N03S2-03 G	SP000200140	PG-TO263-3-2	30	0.0033	2.1 ... 4.0	100
SPB 100N03S2L-03	SP000013460	P-TO263-3-2	30	0.0030	1.2 ... 2.0	100
▼ SPB 100N03S2L-03 G	SP000200141	PG-TO263-3-2	30	0.0030	1.2 ... 2.0	100
SPD 30N03S2L-07	SP000013749	P-TO252-3-11	30	0.0067	1.2 ... 2.0	30
▼ SPD 30N03S2L-07 G	SP000077583	PG-TO252-3-11	30	0.0067	1.2 ... 2.0	30
SPD 30N03S2L-10	SP000016254	P-TO252-3-11	30	0.0100	1.2 ... 2.0	30
▼ SPD 30N03S2L-10 G	SP000077499	PG-TO252-3-11	30	0.0100	1.2 ... 2.0	30
SPD 30N03S2L-20	SP000013488	P-TO252-3-11	30	0.0200	1.2 ... 2.0	30
SPD 50N03S2-07	SP000016253	P-TO252-3-11	30	0.0073	2.1 ... 4.0	50
▼ SPD 50N03S2-07 G	SP000077579	PG-TO252-3-11	30	0.0073	2.1 ... 4.0	50
▼ SPD 50N03S2L-06 G	SP000077584	PG-TO252-3-11	30	0.0064	1.2 ... 2.0	50
SPI 42N03S2L-13	SP000013897	P-TO262-3-1	30	0.0129	1.2 ... 2.0	42
SPI 73N03S2L-08	SP000016263	P-TO262-3-1	30	0.0084	1.2 ... 2.0	73
SPI 80N03S2-03	SP000016262	P-TO262-3-1	30	0.0033	2.1 ... 4.0	100
SPI 80N03S2L-03	SP000016261	P-TO262-3-1	30	0.0031	1.2 ... 2.0	80
SPI 80N03S2L-04	SP000013903	P-TO262-3-1	30	0.0043	1.2 ... 2.0	80
SPI 80N03S2L-05	SP000016266	P-TO262-3-1	30	0.0052	1.2 ... 2.0	80
SPI 80N03S2L-06	SP000016265	P-TO262-3-1	30	0.0062	1.2 ... 2.0	80
SPI 100N03S2-03	SP000013492	P-TO262-3-1	30	0.0033	2.1 ... 4.0	100
SPI 100N03S2L-03	SP000013491	P-TO262-3-1	30	0.0030	1.2 ... 2.0	100
SPP 42N03S2L-13	SP000013464	P-TO220-3-1	30	0.0120	1.2 ... 2.0	42
SPP 73N03S2L-08	SP000013465	P-TO220-3-1	30	0.0080	1.2 ... 2.0	73

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{DS} V	$R_{DS(on)}$ Ω	$V_{GS(th)}$ V	I_D A

Power Transistors

N-Channel Enhancement Types (OptiMOS®)

Low Voltage MOSFETs 30 V

(cont'd)

SPP 80N03S2-03	SP000012468	P-TO220-3-1	30	0.0034	2.1 ... 4.0	80
SPP 80N03S2L-03	SP000012469	P-TO220-3-1	30	0.0031	1.2 ... 2.0	80
SPP 80N03S2L-04	SP000013902	P-TO220-3-1	30	0.0043	1.2 ... 2.0	80
SPP 80N03S2L-05	SP000013466	P-TO220-3-1	30	0.0050	1.2 ... 2.0	80
SPP 80N03S2L-06	SP000014061	P-TO220-3-1	30	0.0062	1.2 ... 2.0	80
SPP 100N03S2-03	SP000013463	P-TO220-3-1	30	0.0033	2.1 ... 4.0	100
SPP 100N03S2L-03	SP000013462	P-TO220-3-1	30	0.0030	1.2 ... 2.0	100
SPU 30N03S2-08	SP000014129	P-TO251-3-1	30	0.0082	2.1 ... 4.0	30
SPU 30N03S2L-10	SP000013467	P-TO251-3-1	30	0.0100	1.2 ... 2.0	30

N-Channel Enhancement Types (OptiMOS®)

Low Voltage MOSFETs 40 V

SPB 80N04S2-04	SP000016353	P-TO263-3-2	40	0.0039	2.1 ... 4.0	80
SPB 80N04S2-H4	SP000016358	P-TO263-3-2	40	0.0040	2.1 ... 4.0	80
SPB 80N04S2L-03	SP000016354	P-TO263-3-2	40	0.0036	1.2 ... 2.0	80
SPB 100N04S2-04	SP000013711	P-TO263-3-2	40	0.0036	2.1 ... 4.0	100
SPB 100N04S2L-03	SP000013712	P-TO263-3-2	40	0.0033	1.2 ... 2.0	100
SPB 160N04S2-03	SP000014263	P-TO263-7-3	40	0.0029	2.1 ... 4.0	160
SPB 160N04S2L-03	SP000014639	P-TO263-3-2	40	0.0027	1.2 ... 2.0	160
SPI 80N04S2-04	SP000015085	P-TO262-3-1	40	0.0034	2.1 ... 4.0	80
SPP 80N04S2-04	SP000012470	P-TO220-3-1	40	0.0039	2.1 ... 4.0	80
SPP 80N04S2-H4	SP000013150	P-TO220-3-1	40	0.0040	2.1 ... 4.0	80
SPP 80N04S2L-03	SP000012472	P-TO220-3-1	40	0.0036	1.2 ... 2.0	80
SPP 100N04S2-04	SP000013718	P-TO220-3-1	40	0.0036	2.1 ... 4.0	100
SPP 100N04S2L-03	SP000013719	P-TO220-3-1	40	0.0033	1.2 ... 2.0	100

N-Channel Enhancement Types (OptiMOS®) (for industrial applications)

Low Voltage MOSFETs 40 V

▼ IPB 80N04S2-H4	SP000218165	PG-TO263-3-2	40	0.0040	2.1 ... 4.0	80
▼ IPB 80N04S2L-03	SP000220158	PG-TO263-3-2	40	0.0036	1.2 ... 2.0	80
▼ IPB 100N04S2-04	SP000219061	PG-TO263-3-2	40	0.0036	2.1 ... 4.0	100
▼ IPB 100N04S2L-03	SP000219065	PG-TO263-3-2	40	0.0033	1.2 ... 2.0	100
▼ IPB 160N04S2-03	SP000218151	PG-TO263-7-3	40	0.0029	2.1 ... 4.0	160
▼ IPB 160N04S2L-03	SP000218153	PG-TO263-7-3	40	0.0027	1.2 ... 2.0	160
▼ IPI 80N04S2-04	SP000219058	PG-TO262-3-1	40	0.0034	2.1 ... 4.0	80
▼ IPP 80N04S2-04	SP000219054	PG-TO220-3-1	40	0.0039	2.1 ... 4.0	80
▼ IPP 80N04S2-H4	SP000218169	PG-TO220-3-1	40	0.0040	2.1 ... 4.0	80
▼ IPP 80N04S2L-03	SP000219063	PG-TO220-3-1	40	0.0036	1.2 ... 2.0	80
▼ IPP 100N04S2-04	SP000219056	PG-TO220-3-1	40	0.0036	2.1 ... 4.0	100
▼ IPP 100N04S2L-03	SP000219062	PG-TO220-3-1	40	0.0033	1.2 ... 2.0	100

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{DS} V	$R_{DS(on)}$ Ω	$V_{GS(th)}$ V	I_D A

Power Transistors

N-Channel Enhancement Types (OptiMOS®) Low Voltage MOSFETs 55 V

BSO 604NS2	SP000013128	P-DSO-8-5	55	0.0350	1.2 ... 2.0	5.00
BSP 603S2L	SP000013597	SOT223	55	0.0330	1.2 ... 2.0	5.20
BSP 615S2L	SP000013181	SOT223	55	0.0900	1.2 ... 2.0	2.80
BSS 670S2L	SP000013197	SOT23	55	0.6500	1.2 ... 2.0	0.54
SPB 77N06S2-12	SP000013587	P-TO263-3-2	55	0.0120	2.1 ... 4.0	77
SPB 80N06S2-05	SP000016351	P-TO263-3-2	55	0.0051	2.1 ... 4.0	80
SPB 80N06S2-07	SP000013578	P-TO263-3-2	55	0.0066	2.1 ... 4.0	80
SPB 80N06S2-08	SP000016356	P-TO263-3-2	55	0.0080	2.1 ... 4.0	80
SPB 80N06S2-09	SP000013581	P-TO263-3-2	55	0.0091	2.1 ... 4.0	80
SPB 80N06S2-H5	SP000013795	P-TO263-3-2	55	0.0055	2.1 ... 4.0	80
SPB 80N06S2L-05	SP000016352	P-TO263-3-2	55	0.0048	1.2 ... 2.0	80
SPB 80N06S2L-06	SP000013577	P-TO263-3-2	55	0.0063	1.2 ... 2.0	80
SPB 80N06S2L-07	SP000016357	P-TO263-3-2	55	0.0070	1.2 ... 2.0	80
SPB 80N06S2L-09	SP000013582	P-TO263-3-2	55	0.0085	1.2 ... 2.0	80
SPB 80N06S2L-11	SP000013586	P-TO263-3-2	55	0.0110	1.2 ... 2.0	80
SPB 80N06S2L-H5	SP000013796	P-TO263-3-2	55	0.0050	1.2 ... 2.0	80
SPB 100N06S2-05	SP000013713	P-TO263-3-2	55	0.0050	2.1 ... 4.0	100
SPB 100N06S2L-05	SP000013714	P-TO263-3-2	55	0.0047	1.2 ... 2.0	100
SPD 14N06S2-80	SP000013575	P-TO252-3-1	55	0.0800	2.1 ... 4.0	14
SPD 15N06S2L-64	SP000013573	P-TO252-3-1	55	0.0640	1.2 ... 2.0	15
SPD 25N06S2-40	SP000013572	P-TO252-3-1	55	0.0400	2.1 ... 4.0	25
SPD 26N06S2L-35	SP000013570	P-TO252-3-1	55	0.0350	1.2 ... 2.0	26
SPD 30N06S2-15	SP000012477	P-TO252-3-1	55	0.0147	2.1 ... 4.0	30
SPD 30N06S2-23	SP000013596	P-TO252-3-1	55	0.0230	2.1 ... 4.0	30
SPD 30N06S2L-13	SP000012478	P-TO252-3-1	55	0.0130	1.2 ... 2.0	30
SPD 30N06S2L-23	SP000013127	P-TO252-3-1	55	0.0230	1.2 ... 2.0	30
SPD 50N06S2-14	SP000013569	P-TO252-3-1	55	0.0144	2.1 ... 4.0	50
SPD 50N06S2L-13	SP000013568	P-TO252-3-1	55	0.0127	1.2 ... 2.0	50
SPI 80N06S2-07	SP000013784	P-TO262-3-1	55	0.0066	2.1 ... 4.0	80
SPI 80N06S2-08	SP000013911	P-TO262-3-1	55	0.0080	2.1 ... 4.0	80
SPI 80N06S2L-05	SP000016360	P-TO262-3-1	55	0.0045	1.2 ... 2.0	80
▼ SPI 80N06S2L-11	SP000029960	P-TO262-3-1	55	0.0110	1.2 ... 2.0	80
SPP 77N06S2-12	SP000013588	P-TO220-3-1	55	0.0120	2.1 ... 4.0	77
▼ SPP 80N06S-08	SP000054054	P-TO220-3-1	55	0.0077	2.1 ... 4.0	80
SPP 80N06S2-05	SP000012473	P-TO220-3-1	55	0.0051	2.1 ... 4.0	80
SPP 80N06S2-07	SP000013579	P-TO220-3-1	55	0.0120	2.1 ... 4.0	80
SPP 80N06S2-08	SP000012822	P-TO220-3-1	55	0.0080	2.1 ... 4.0	80
SPP 80N06S2-09	SP000013583	P-TO220-3-1	55	0.0091	2.1 ... 4.0	80
SPP 80N06S2-H5	SP000014000	P-TO220-3-1	55	0.0055	2.1 ... 4.0	80
SPP 80N06S2L-05	SP000012474	P-TO220-3-1	55	0.0048	1.2 ... 2.0	80
SPP 80N06S2L-06	SP000013576	P-TO220-3-1	55	0.0063	1.2 ... 2.0	80
SPP 80N06S2L-07	SP000012823	P-TO220-3-1	55	0.0070	1.2 ... 2.0	80
SPP 80N06S2L-09	SP000013580	P-TO220-3-1	55	0.0085	1.2 ... 2.0	80
SPP 80N06S2L-11	SP000013584	P-TO220-3-1	55	0.0110	1.2 ... 2.0	80
SPP 80N06S2L-H5	SP000014001	P-TO220-3-1	55	0.0050	1.2 ... 2.0	80
SPP 100N06S2-05	SP000013720	P-TO220-3-1	55	0.0050	2.1 ... 4.0	100
SPP 100N06S2L-05	SP000013721	P-TO220-3-1	55	0.0047	1.2 ... 2.0	100

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{DS} V	$R_{DS(on)}$ Ω	$V_{GS(th)}$ V	I_D A

Power Transistors

N-Channel Enhancement Types (OptiMOS®) (for industrial applications) Low Voltage MOSFETs 55V

▼ IPB 77N06S2-12	SP000218173	PG-TO263-3-2	55	0.0120	2.1 ... 4.0	77
▼ IPB 80N06S2-05	SP000218877	PG-TO263-3-2	55	0.0051	2.1 ... 4.0	80
▼ IPB 80N06S2-07	SP000218818	PG-TO263-3-2	55	0.0066	2.1 ... 4.0	80
▼ IPB 80N06S2-08	SP000218830	PG-TO263-3-2	55	0.0080	2.1 ... 4.0	80
▼ IPB 80N06S2-09	SP000218741	PG-TO263-3-2	55	0.0091	2.1 ... 4.0	80
▼ IPB 80N06S2-H5	SP000218162	PG-TO263-3-2	55	0.0055	2.1 ... 4.0	80
▼ IPB 80N06S2L-05	SP000219004	PG-TO263-3-2	55	0.0048	1.2 ... 2.0	80
▼ IPB 80N06S2L-06	SP000218163	PG-TO263-3-2	55	0.0063	1.2 ... 2.0	80
▼ IPB 80N06S2L-07	SP000218867	PG-TO263-3-2	55	0.0070	1.2 ... 2.0	80
▼ IPB 80N06S2L-09	SP000218743	PG-TO263-3-2	55	0.0085	1.2 ... 2.0	80
▼ IPB 80N06S2L-11	SP000218177	PG-TO263-3-2	55	0.0110	1.2 ... 2.0	80
▼ IPB 80N06S2L-H5	SP000219068	PG-TO263-3-2	55	0.0050	1.2 ... 2.0	80
▼ IPB 100N06S2-05	SP000218874	PG-TO263-3-2	55	0.0050	2.1 ... 4.0	100
▼ IPB 100N06S2L-05	SP000219003	PG-TO263-3-2	55	0.0047	1.2 ... 2.0	100
▼ IPI 80N06S2-07	SP000218817	PG-TO262-3-1	55	0.0066	2.1 ... 4.0	80
▼ IPI 80N06S2-08	SP000218828	PG-TO262-3-1	55	0.0080	2.1 ... 4.0	80
▼ IPI 80N06S2L-05	SP000219002	PG-TO262-3-1	55	0.0045	1.2 ... 2.0	80
▼ IPI 80N06S2L-11	SP000218176	PG-TO262-3-1	55	0.0110	1.2 ... 2.0	80
▼ IPP 77N06S2-12	SP000218172	PG-TO220-3-1	55	0.0120	2.1 ... 4.0	77
▼ IPP 80N06S2-05	SP000218873	PG-TO220-3-1	55	0.0051	2.1 ... 4.0	80
▼ IPP 80N06S2-07	SP000218810	PG-TO220-3-1	55	0.0120	2.1 ... 4.0	80
▼ IPP 80N06S2-08	SP000218826	PG-TO220-3-1	55	0.0080	2.1 ... 4.0	80
▼ IPP 80N06S2-09	SP000218740	PG-TO220-3-1	55	0.0091	2.1 ... 4.0	80
▼ IPP 80N06S2-H5	SP000218155	PG-TO220-3-1	55	0.0055	2.1 ... 4.0	80
▼ IPP 80N06S2L-05	SP000219000	PG-TO220-3-1	55	0.0048	1.2 ... 2.0	80
▼ IPP 80N06S2L-06	SP000218824	PG-TO220-3-1	55	0.0063	1.2 ... 2.0	80
▼ IPP 80N06S2L-07	SP000218831	PG-TO220-3-1	55	0.0070	1.2 ... 2.0	80
▼ IPP 80N06S2L-09	SP000218742	PG-TO220-3-1	55	0.0085	1.2 ... 2.0	80
▼ IPP 80N06S2L-11	SP000218175	PG-TO220-3-1	55	0.0110	1.2 ... 2.0	80
▼ IPP 80N06S2L-H5	SP000219067	PG-TO220-3-1	55	0.0050	1.2 ... 2.0	80
▼ IPP 100N06S2-05	SP000218872	PG-TO220-3-1	55	0.0050	2.1 ... 4.0	100
▼ IPP 100N06S2L-05	SP000218879	PG-TO220-3-1	55	0.0047	1.2 ... 2.0	100

N-Channel Enhancement Types (OptiMOS®) Low Voltage MOSFETs 60 V (logic level)

▼ IPB 048N06L G	SP000204181	PG-TO263-3-2	60	0.0044	1.2 ... 2.0	100
▼ IPB 065N06L G	SP000204183	PG-TO263-3-2	60	0.0065	1.2 ... 2.0	80
▼ IPB 070N06L G	SP000204172	PG-TO263-3-2	60	0.0067	1.2 ... 2.0	80
▼ IPB 085N06L G	SP000204190	PG-TO263-3-2	60	0.0085	1.2 ... 2.0	80
▼ IPB 110N06L G	SP000204193	PG-TO263-3-2	60	0.0110	1.2 ... 2.0	78
▼ IPD 127N06L G	SP000204177	P-TO252-3-11	60	0.0127	1.2 ... 2.0	50
▼ IPD 640N06L G	SP000203939	P-TO252-3-11	60	0.0640	1.2 ... 2.0	18
▼ IPP 048N06L G	SP000204180	PG-TO220-3-1	60	0.0044	1.2 ... 2.0	100
▼ IPP 065N06L G	SP000204182	PG-TO220-3-1	60	0.0065	1.2 ... 2.0	80
▼ IPP 070N06L G	SP000204171	PG-TO220-3-1	60	0.0067	1.2 ... 2.0	80
▼ IPP 085N06L G	SP000204188	PG-TO220-3-1	60	0.0085	1.2 ... 2.0	80
▼ IPP 110N06L G	SP000204194	PG-TO220-3-1	60	0.0110	1.2 ... 2.0	78

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{DS}	$R_{DS(on)}$	$V_{GS(th)}$	I_D
			V	Ω	V	A

Power Transistors

N-Channel Enhancement Types (OptiMOS®) Low Voltage MOSFETs 60 V (normal level)

▼ IPB 070N06N G	SP000204187	PG-TO263-3-2	60	0.0067	1.2 ... 2.0	80
▼ IPB 080N06N G	SP000204174	PG-TO263-3-2	60	0.0077	1.2 ... 2.0	80
▼ IPB120N06N G	SP000204176	PG-TO263-3-2	60	0.0117	1.2 ... 2.0	75
▼ IPD 144N06N G	SP000203941	P-TO252-3-11	60	0.0144	2.1 ... 4.0	50
▼ IPD 400N06N G	SP000203938	P-TO252-3-11	60	0.0400	2.1 ... 4.0	27
▼ IPD 800N06N G	SP000204179	P-TO252-3-11	60	0.0800	2.1 ... 4.0	16
▼ IPI 070N06N G	SP000208612	P-TO262-3-1	60	0.0067	1.2 ... 2.0	80
▼ IPP 080N06N G	SP000204173	PG-TO220-3-1	60	0.0077	2.1 ... 4.0	80
▼ IPP 070N06N G	SP000204186	PG-TO220-3-1	60	0.0067	1.2 ... 2.0	80
▼ IPP120N06N G	SP000204175	PG-TO220-3-1	60	0.0117	1.2 ... 2.0	75

N-Channel Enhancement Types (OptiMOS®) Low Voltage MOSFETs 75 V

SPB 80N08S2-07	SP000016355	P-TO263-3-2	75	0.0071	2.1 ... 4.0	80
SPB 80N08S2L-07	SP000016359	P-TO263-3-2	75	0.0068	1.2 ... 2.0	80
SPB 100N08S2-07	SP000013715	P-TO263-3-2	75	0.0068	2.1 ... 4.0	100
SPB 100N08S2L-07	SP000013716	P-TO263-3-2	75	0.0065	1.2 ... 2.0	100
SPD 220N08S2L-50	SP000013910	P-TO252-3-11	75	0.0500	1.2 ... 2.0	25
SPD 30N08S2-22	SP000013153	P-TO252-3-11	75	0.0215	2.1 ... 4.0	30
SPD 30N08S2L-21	SP000013152	P-TO252-3-11	75	0.0205	1.2 ... 2.0	30
▼ SPI 80N08S2-07	SP000013954	P-TO262-3-1	75	0.0071	2.1 ... 4.0	80
SPI 80N08S2-07R	SP000013717	P-TO262-3-1	75	0.0073	2.1 ... 4.0	80
▼ SPI 100N08S2-07	SP000055687	P-TO262-3-1	75	0.0068	2.1 ... 4.0	100
SPP 80N08S2-07	SP000012475	P-TO220-3-1	75	0.0071	2.1 ... 4.0	80
SPP 80N08S2L-07	SP000012476	P-TO220-3-1	75	0.0068	1.2 ... 2.0	80
SPP 100N08S2-07	SP000013722	P-TO220-3-1	75	0.0068	2.1 ... 4.0	100
SPP 100N08S2L-07	SP000013723	P-TO220-3-1	75	0.0065	1.2 ... 2.0	100

N-Channel Enhancement Types (OptiMOS®) (for industrial applications) Low Voltage MOSFETs 75 V

▼ IPB 100N08S2-07	SP000219044	PG-TO263-3-2	75	0.0068	2.1 ... 4.0	100
▼ IPB 100N08S2L-07	SP000219053	PG-TO263-3-2	75	0.0065	1.2 ... 2.0	100
▼ IPB 80N08S2-07	SP000219048	PG-TO263-3-2	75	0.0071	2.1 ... 4.0	80
▼ IPB 80N08S2L-07	SP000219051	PG-TO263-3-2	75	0.0068	1.2 ... 2.0	80
▼ IPI 80N08S2-07	SP000219043	PG-TO262-3-1	75	0.0071	2.1 ... 4.0	80
▼ IPI 100N08S2-07	SP000219041	PG-TO262-3-1	75	0.0068	2.1 ... 4.0	100
▼ IPP 80N08S2-07	SP000219040	PG-TO220-3-1	75	0.0071	2.1 ... 4.0	80
▼ IPP 80N08S2L-07	SP000219050	PG-TO220-3-1	75	0.0068	1.2 ... 2.0	80
▼ IPP 100N08S2-07	SP000219005	PG-TO220-3-1	75	0.0068	2.1 ... 4.0	100
▼ IPP 100N08S2L-07	SP000219052	PG-TO220-3-1	75	0.0065	1.2 ... 2.0	100

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{DS} V	$R_{DS(on)}$ Ω	$V_{GS(th)}$ V	I_D A

Power Transistors

N-Channel Enhancement Types (OptiMOS®2) Low Voltage MOSFETs 25 V

▼ BSC 020N025S G	SP000095463	PG-TDSON-8	25	0.0020	1.2 ... 2.0	100
▼ BSC 024N025S G	SP000095464	PG-TDSON-8	25	0.0024	1.2 ... 2.0	100
▼ BSC 029N025S G	SP000095465	PG-TDSON-8	25	0.0029	1.2 ... 2.0	100
▼ BSC 037N025S G	SP000095466	PG-TDSON-8	25	0.0037	1.2 ... 2.0	100
▼ BSC 048N025S G	SP000095467	PG-TDSON-8	25	0.0048	1.2 ... 2.0	89
▼ BSC 072N025S G	SP000095468	PG-TDSON-8	25	0.0072	1.2 ... 2.0	40
▼ BSC 085N025S G	SP000095469	PG-TDSON-8	25	0.0085	1.2 ... 2.0	35
▼ BSC 106N025S G	SP000095470	PG-TDSON-8	25	0.0106	1.2 ... 2.0	30
IPB 03N03LA	SP000014034	P-TO263-3-2	25	0.0027	1.2 ... 2.0	80
▼ IPB 03N03LA G	SP000087858	PG-TO263-3-2	25	0.0027	1.2 ... 2.0	80
IPB 04N03LA	SP000014354	P-TO263-3-2	25	0.0039	1.2 ... 2.0	80
▼ IPB 04N03LA G	SP000103302	PG-TO263-3-2	25	0.0039	1.2 ... 2.0	80
IPB 05N03LA	SP000016268	P-TO263-3-2	25	0.0046	1.2 ... 2.0	80
▼ IPB 05N03LA G	SP000068872	PG-TO263-3-2	25	0.0046	1.2 ... 2.0	80
IPB 06N03LA	SP000016269	P-TO263-3-2	25	0.0059	1.2 ... 2.0	50
▼ IPB 06N03LA G	SP000068850	PG-TO263-3-2	25	0.0059	1.2 ... 2.0	50
IPB 09N03LA	SP000016271	P-TO263-3-2	25	0.0089	1.2 ... 2.0	50
▼ IPB 09N03LA G	SP000068859	PG-TO263-3-2	25	0.0089	1.2 ... 2.0	50
IPB 11N03LA	SP000014987	P-TO263-3-2	25	0.0112	1.2 ... 2.0	30
▼ IPB 11N03LA G	SP000103306	PG-TO263-3-2	25	0.0112	1.2 ... 2.0	30
IPB 14N03LA	SP000016324	P-TO263-3-2	25	0.0136	1.2 ... 2.0	30
▼ IPB 14N03LA G	SP000085264	PG-TO263-3-2	25	0.0136	1.2 ... 2.0	30
IPB H6N03LA	SP000068587	P-TO263-3-2	25	0.0062	1.2 ... 2.0	50
▼ IPB H6N03LA G	SP000080228	PG-TO263-3-2	25	0.0062	1.2 ... 2.0	50
▼ IPD 03N03LA G	SP000016406	PG-TO252-3-11	25	0.0032	1.2 ... 2.0	90
IPD 04N03LA	SP000014352	P-TO252-3-11	25	0.0038	1.2 ... 2.0	50
▼ IPD 04N03LA G	SP000017598	PG-TO252-3-11	25	0.0038	1.2 ... 2.0	50
IPD 05N03LA	SP000014022	P-TO252-3-11	25	0.0051	1.2 ... 2.0	50
▼ IPD 05N03LA G	SP000017599	PG-TO252-3-11	25	0.0051	1.2 ... 2.0	50
IPD 06N03LA	SP000016270	P-TO252-3-11	25	0.0057	1.2 ... 2.0	50
▼ IPD 06N03LA G	SP000017600	PG-TO252-3-11	25	0.0057	1.2 ... 2.0	50
IPD 09N03LA	SP000016272	P-TO252-3-11	25	0.0060	1.2 ... 2.0	50
▼ IPD 09N03LA G	SP000017536	PG-TO252-3-11	25	0.0060	1.2 ... 2.0	50
IPD 10N03LA	SP000014983	P-TO252-3-11	25	0.0104	1.2 ... 2.0	30
▼ IPD 10N03LA G	SP000017602	PG-TO252-3-11	25	0.0104	1.2 ... 2.0	30
IPD 13N03LA	SP000016325	P-TO252-3-11	25	0.0128	1.2 ... 2.0	30
▼ IPD 13N03LA G	SP000017537	PG-TO252-3-11	25	0.0128	1.2 ... 2.0	30
IPD H4N03LA G	SP000016407	PG-TO252-3-11	25	0.0042	1.2 ... 2.0	90
IPD H5N03LA G	SP000064379	PG-TO252-3-11	25	0.0052	1.2 ... 2.0	50
IPD H6N03LA G	SP000065817	PG-TO252-3-11	25	0.0060	1.2 ... 2.0	50
IPD H9N03LA G	SP000223594	PG-TO252-3-11	25	0.0092	1.2 ... 2.0	30
IPF 04N03LA	SP000014622	P-TO252-3-23	25	0.0041	1.2 ... 2.0	50
▼ IPF 04N03LA G	SP000017605	PG-TO252-3-23	25	0.0041	1.2 ... 2.0	50
IPF 05N03LA	SP000014545	P-TO252-3-23	25	0.0054	1.2 ... 2.0	50
▼ IPF 05N03LA G	SP000017606	PG-TO252-3-23	25	0.0054	1.2 ... 2.0	50
IPF 06N03LA	SP000015047	P-TO252-3-23	25	0.0089	1.2 ... 2.0	50
▼ IPF 06N03LA G	SP000017607	PG-TO252-3-23	25	0.0089	1.2 ... 2.0	50

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{DS} V	$R_{DS(on)}$ Ω	$V_{GS(th)}$ V	I_D A

Power Transistors

N-Channel Enhancement Types (OptiMOS®2)

Low Voltage MOSFETs 25 V

(cont'd)

IPF 09N03LA	SP000014623	P-TO252-3-23	25	0.0106	1.2 ... 2.0	30
▼ IPF 09N03LA G	SP000017608	PG-TO252-3-23	25	0.0106	1.2 ... 2.0	30
IPF 10N03LA	SP000014985	P-TO252-3-23	25	0.0133	1.2 ... 2.0	30
▼ IPF 10N03LA G	SP000017609	PG-TO252-3-23	25	0.0133	1.2 ... 2.0	30
IPF 13N03LA	SP000014546	P-TO252-3-23	25	0.0130	1.2 ... 2.0	30
▼ IPF 13N03LA G	SP000017610	PG-TO252-3-23	25	0.0130	1.2 ... 2.0	30
IPF H6N03LA	SP000068589	PG-TO252-3-23	25	0.0062	1.2 ... 2.0	50
IPI 03N03LA	SP000014036	P-TO262-3-1	25	0.0027	1.2 ... 2.0	80
IPI 04N03LA	SP000014355	P-TO262-3-1	25	0.0039	1.2 ... 2.0	80
IPI 05N03LA	SP000014021	P-TO262-3-1	25	0.0046	1.2 ... 2.0	80
IPI 06N03LA	SP000014026	P-TO262-3-1	25	0.0059	1.2 ... 2.0	50
IPI 09N03LA	SP000014032	P-TO262-3-1	25	0.0089	1.2 ... 2.0	50
IPI 11N03LA	SP000014988	P-TO262-3-1	25	0.0112	1.2 ... 2.0	30
IPI 14N03LA	SP000014029	P-TO262-3-1	25	0.0136	1.2 ... 2.0	30
IPP 03N03LA	SP000014035	P-TO220-3-1	25	0.0027	1.2 ... 2.0	80
IPP 04N03LA	SP000014353	P-TO220-3-1	25	0.0039	1.2 ... 2.0	80
IPP 05N03LA	SP000014020	P-TO220-3-1	25	0.0046	1.2 ... 2.0	80
IPP 06N03LA	SP000014025	P-TO220-3-1	25	0.0059	1.2 ... 2.0	50
IPP 09N03LA	SP000014031	P-TO220-3-1	25	0.0089	1.2 ... 2.0	50
IPP 11N03LA	SP000014986	P-TO220-3-1	25	0.0112	1.2 ... 2.0	30
IPP 14N03LA	SP000014028	P-TO220-3-1	25	0.0136	1.2 ... 2.0	30
▼ IPS 03N03LA G	SP000016404	PG-TO251-3-11	25	0.0034	1.2 ... 2.0	90
IPS 04N03LA G	SP000016330	PG-TO251-3-11	25	0.0040	1.2 ... 2.0	50
IPS 05N03LA G	SP000015129	PG-TO251-3-11	25	0.0051	1.2 ... 2.0	50
IPS 06N03LA G	SP000015130	PG-TO251-3-11	25	0.0057	1.2 ... 2.0	50
IPS 09N03LA G	SP000015131	PG-TO251-3-11	25	0.0086	1.2 ... 2.0	50
IPS 10N03LA G	SP000015132	PG-TO251-3-11	25	0.0104	1.2 ... 2.0	30
IPS 13N03LA G	SP000015133	PG-TO251-3-11	25	0.0128	1.2 ... 2.0	30
IPS H4N03LA G	SP000016331	PG-TO251-3-11	25	0.0042	1.2 ... 2.0	90
IPS H5N03LA G	SP000064378	PG-TO251-3-11	25	0.0052	1.2 ... 2.0	50
IPS H6N03LA G	SP000075257	PG-TO251-3-11	25	0.0062	1.2 ... 2.0	50
IPS H9N03LA G	SP000223596	PG-TO251-3-11	25	0.0092	1.2 ... 2.0	30
IPU 04N03LA	SP000014621	P-TO251-3-21	25	0.0040	1.2 ... 2.0	50
▼ IPU 04N03LA G	SP000017593	PG-TO251-3-21	25	0.0040	1.2 ... 2.0	50
IPU 05N03LA	SP000014903	P-TO251-3-21	25	0.0053	1.2 ... 2.0	50
▼ IPU 05N03LA G	SP000017595	PG-TO251-3-21	25	0.0053	1.2 ... 2.0	50
IPU 06N03LA	SP000014023	P-TO251-3-21	25	0.0059	1.2 ... 2.0	50
▼ IPU 06N03LA G	SP000017594	PG-TO251-3-21	25	0.0059	1.2 ... 2.0	50
IPU 09N03LA	SP000014033	P-TO251-3-21	25	0.0088	1.2 ... 2.0	50
▼ IPU 09N03LA G	SP000017511	PG-TO251-3-21	25	0.0088	1.2 ... 2.0	50
IPU 10N03LA	SP000014984	P-TO251-3-21	25	0.0106	1.2 ... 2.0	30
▼ IPU 10N03LA G	SP000017597	PG-TO251-3-21	25	0.0106	1.2 ... 2.0	30
IPU 13N03LA	SP000014030	P-TO251-3-21	25	0.0130	1.2 ... 2.0	30
▼ IPU 13N03LA G	SP000017538	PG-TO251-3-21	25	0.0130	1.2 ... 2.0	30
IPU H6N03LA G	SP000068594	PG-TO251-3-21	25	0.0062	1.2 ... 2.0	50

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{DS} V	$R_{DS(on)}$ Ω	$V_{GS(th)}$ V	I_D A

Power Transistors

N-Channel Enhancement Types (OptiMOS® 2) Low Voltage MOSFETs 30 V

▼ BSC 022N03S G	SP000056189	PG-TDSON-8	30	0.0022	1.2 ... 2.0	100
▼ BSC 027N03S G	SP000095462	PG-TDSON-8	30	0.0027	1.2 ... 2.0	100
BSC 032N03S	SP000014714	P-TDSON-8	30	0.0032	1.2 ... 2.0	100
▼ BSC 032N03S G	SP000056190	PG-TDSON-8	30	0.0032	1.2 ... 2.0	100
▼ BSC 042N03S G	SP000056191	PG-TDSON-8	30	0.0042	1.2 ... 2.0	95
BSC 052N03S	SP000014716	P-TDSON-8	30	0.0052	1.2 ... 2.0	80
▼ BSC 052N03S G	SP000056192	PG-TDSON-8	30	0.0052	1.2 ... 2.0	80
BSC 059N03S	SP000014717	P-TDSON-8	30	0.0055	1.2 ... 2.0	73
▼ BSC 059N03S G	SP000056194	PG-TDSON-8	30	0.0055	1.2 ... 2.0	73
BSC 079N03S G	SP000016414	PG-TDSON-8	30	0.0079	1.2 ... 2.0	40
BSC 094N03S G	SP000016415	PG-TDSON-8	30	0.0055	1.2 ... 2.0	35
BSC 119N03S G	SP000016416	PG-TDSON-8	30	0.0055	1.2 ... 2.0	30
▼ BSO 052N03S G	SP000080998	PG-DSO-8-1	30	0.0052	1.2 ... 2.0	17
BSO 064N03S	SP000014672	P-DSO-8-1	30	0.0064	1.2 ... 2.0	16
▼ BSO 064N03S G	SP000077646	PG-DSO-8-1	30	0.0064	1.2 ... 2.0	16
BSO 072N03S	SP000014673	P-DSO-8-1	30	0.0068	1.2 ... 2.0	15
▼ BSO 072N03S G	SP000077647	PG-DSO-8-1	30	0.0068	1.2 ... 2.0	15
BSO 094N03S	SP000014674	P-DSO-8-1	30	0.0091	1.2 ... 2.0	13
▼ BSO 094N03S G	SP000077648	PG-DSO-8-1	30	0.0091	1.2 ... 2.0	13
BSO 104N03S	SP000014675	P-DSO-8-1	30	0.0097	1.2 ... 2.0	13
▼ BSO 104N03S G	SP000077649	PG-DSO-8-1	30	0.0097	1.2 ... 2.0	13
▼ BSO 119N03S G	SP000077657	PG-DSO-8-1	30	0.0119	1.2 ... 2.0	11
BSO 150N03	SP000014678	P-DSO-8-1	30	0.0150	1.2 ... 2.0	9.1
▼ BSO 150N03	SP000077687	PG-DSO-8-1	30	0.0150	1.2 ... 2.0	9.1
▼ BSO 200N03	SP000104683	PG-DSO-8-1	30	0.0200	1.2 ... 2.0	7.9
BSO 200N03S	SP000014677	P-DSO-8-1	30	0.0200	1.2 ... 2.0	8.8
▼ BSO 200N03S	SP000077658	PG-DSO-8-1	30	0.0200	1.2 ... 2.0	8.8
BSO 300N03S	SP000014572	P-DSO-8-1	30	0.0300	1.2 ... 2.0	7.2
▼ BSO 300N03S	SP000077644	PG-DSO-8-1	30	0.0300	1.2 ... 2.0	7.2
BSO 350N03S	SP000014679	P-DSO-8-1	30	0.0350	1.2 ... 2.0	6.0
▼ BSO 350N03S G	SP000080984	PG-DSO-8-1	30	0.0350	1.2 ... 2.0	6.0
IPB 03N03LB	SP000074722	P-TO263-3-2	30	0.0028	1.2 ... 2.0	80
▼ IPB 03N03LB G	SP000103300	PG-TO263-3-2	30	0.0028	1.2 ... 2.0	80
IPB 04N03LB	SP000064219	P-TO263-3-2	30	0.0035	1.2 ... 2.0	80
▼ IPB 04N03LB G	SP000103301	PG-TO263-3-2	30	0.0035	1.2 ... 2.0	80
▼ IPD 05N03LB	SP000065206	P-TO263-3-2	30	0.0048	1.2 ... 2.0	90
▼ IPD 05N03LB G	SP000103303	PG-TO263-3-2	30	0.0048	1.2 ... 2.0	90
▼ IPB 06N03LB	SP000065274	P-TO263-3-2	30	0.0063	1.2 ... 2.0	50
▼ IPB 06N03LB G	SP000103304	PG-TO263-3-2	30	0.0063	1.2 ... 2.0	50
IPB 10N03LB	SP000064220	P-TO263-3-2	30	0.0096	1.2 ... 2.0	50
▼ IPB 10N03LB G	SP000103305	PG-TO263-3-2	30	0.0096	1.2 ... 2.0	50
IPB 13N03LB	SP000064218	P-TO263-3-2	30	0.0125	1.2 ... 2.0	30
▼ IPB 13N03LB G	SP000103307	PG-TO263-3-2	30	0.0125	1.2 ... 2.0	30
IPD 03N03LB G	SP000016408	PG-TO252-3-11	30	0.0033	1.2 ... 2.0	90
IPD 04N03LB G	SP000016409	PG-TO252-3-11	30	0.0041	1.2 ... 2.0	50

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{DS} V	$R_{DS(on)}$ Ω	$V_{GS(th)}$ V	I_D A

Power Transistors

N-Channel Enhancement Types (OptiMOS®2)

Low Voltage MOSFETs 30 V

(cont'd)

IPD 05N03LB G	SP000016410	PG-TO252-3-11	30	0.0048	1.2 ... 2.0	90
IPD 06N03LB G	SP000016411	PG-TO252-3-11	30	0.0061	1.2 ... 2.0	50
IPD 09N03LB G	SP000016412	PG-TO252-3-11	30	0.0091	1.2 ... 2.0	50
IPD 12N03LB	SP000016413	P-TO252-3-11	30	0.0116	1.2 ... 2.0	30
▼ IPD 12N03LB G	SP000017332	PG-TO252-3-11	30	0.0116	1.2 ... 2.0	30
IPP 03N03LB G	SP000074721	PG-TO220-3-1	30	0.0031	1.2 ... 2.0	80
IPP 04N03LB G	SP000064223	PG-TO220-3-1	30	0.0038	1.2 ... 2.0	80
IPP 05N03LB G	SP000065247	PG-TO220-3-1	30	0.0053	1.2 ... 2.0	80
IPP 07N03LB G	SP000065252	PG-TO220-3-1	30	0.0065	1.2 ... 2.0	50
IPP 10N03LB G	SP000064222	PG-TO220-3-1	30	0.0099	1.2 ... 2.0	50
IPP 13N03LB G	SP000064224	PG-TO220-3-1	30	0.0128	1.2 ... 2.0	30
▼ IPS 03N03LB G	SP000220141	PG-TO251-3-11	30	0.0028	1.2 ... 2.0	80
▼ IPS 04N03LB G	SP000219859	PG-TO251-3-11	30	0.0041	1.2 ... 2.0	50
▼ IPS 05N03LB G	SP000220140	PG-TO251-3-11	30	0.0048	1.2 ... 2.0	90
▼ IPS 09N03LB G	SP000220142	PG-TO251-3-11	30	0.0091	1.2 ... 2.0	50
▼ IPS H6N03LB G	SP000220143	PG-TO251-3-11	30	0.0090	1.2 ... 2.0	50
▼ IPU 04N03LB G	SP000220463	PG-TO251-3-21	30	0.0038	1.2 ... 2.0	80
▼ IPU 06N03LB G	SP000209113	PG-TO251-3-21	30	0.0061	1.2 ... 2.0	50
▼ IPU 09N03LB G	SP000209115	PG-TO251-3-21	30	0.0091	1.2 ... 2.0	50
▼ IPU H6N03LB G	SP000209114	PG-TO251-3-21	30	0.0090	1.2 ... 2.0	50

N-Channel Enhancement Types (OptiMOS®2)

Low Voltage MOSFETs 85 V

▼ IPB 051NE8N G	SP000096445	PG-TO263-3-2	85	0.0051	2.1 ... 4.0	100
▼ IPB 06CNE8N G	SP000096447	PG-TO263-3-2	85	0.0062	2.1 ... 4.0	100
▼ IPB 08CNE8N G	SP000096449	PG-TO263-3-2	85	0.0082	2.1 ... 4.0	95
▼ IPB 12CNE8N G	SP000096451	PG-TO263-3-2	85	0.0129	2.1 ... 4.0	67
▼ IPB 16CNE8N G	SP000096453	PG-TO263-3-2	85	0.0162	2.1 ... 4.0	53
▼ IPD 16CNE8N G	SP000096455	PG-TO252-3-11	85	0.0162	2.1 ... 4.0	53
▼ IPD 25CNE8N G	SP000096457	PG-TO252-3-11	85	0.0260	2.1 ... 4.0	35
▼ IPP 06CNE8N G	SP000096464	PG-TO220-3-1	85	0.0062	2.1 ... 4.0	100
▼ IPP 08CNE8N G	SP000096466	PG-TO220-3-1	85	0.0082	2.1 ... 4.0	95
▼ IPP 12CNE8N G	SP000096467	PG-TO220-3-1	85	0.0129	2.1 ... 4.0	67
▼ IPP 054NE8N G	SP000096462	PG-TO220-3-1	85	0.0051	2.1 ... 4.0	100
▼ IPP 16CNE8N G	SP000096470	PG-TO220-3-1	85	0.0162	2.1 ... 4.0	53
▼ IPP 26CNE8N G	SP000096472	PG-TO220-3-1	85	0.0250	2.1 ... 4.0	35

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{DS} V	$R_{DS(on)}$ Ω	$V_{GS(th)}$ V	I_D A

Power Transistors

N-Channel Enhancement Types (OptiMOS[®]2) Low Voltage MOSFETs 100 V

▼ IPB 05CN10N G	SP000096440	PG-TO263-3-2	100	0.0054	2.1 ... 4.0	100
▼ IPB 06CN10N G	SP000096446	PG-TO263-3-2	100	0.0065	2.1 ... 4.0	100
▼ IPB 08CN10N G	SP000096448	PG-TO263-3-2	100	0.0085	2.1 ... 4.0	95
▼ IPB 12CN10N G	SP000096450	PG-TO263-3-2	100	0.0129	2.1 ... 4.0	67
▼ IPB 16CN10N G	SP000096452	PG-TO263-3-2	100	0.0165	2.1 ... 4.0	53
▼ IPD 16CN10N G	SP000096454	PG-TO252-3-11	100	0.0165	2.1 ... 4.0	53
▼ IPD 25CN10N G	SP000096456	PG-TO252-3-11	100	0.0250	2.1 ... 4.0	25
▼ IPD 33CN10N G	SP000096458	PG-TO252-3-11	100	0.0330	2.1 ... 4.0	27
▼ IPD 49CN10N G	SP000096459	PG-TO252-3-11	100	0.0490	2.1 ... 4.0	20
▼ IPD 64CN10N G	SP000104811	PG-TO252-3-11	100	0.0640	2.1 ... 4.0	17
▼ IPD 78CN10N G	SP000096460	PG-TO252-3-11	100	0.0780	2.1 ... 4.0	13
▼ IPP 05CN10N G	SP000096461	PG-TO220-3-1	100	0.0051	2.1 ... 4.0	100
▼ IPP 06CN10N G	SP000096463	PG-TO220-3-1	100	0.0065	2.1 ... 4.0	100
▼ IPP 08CN10N G	SP000096465	PG-TO220-3-1	100	0.0085	2.1 ... 4.0	95
▼ IPP 12CN10N G	SP000096468	PG-TO220-3-1	100	0.0129	2.1 ... 4.0	67
▼ IPP 16CN10N G	SP000096469	PG-TO220-3-1	100	0.0165	2.1 ... 4.0	53
▼ IPP 26CN10N G	SP000096471	PG-TO220-3-1	100	0.0260	2.1 ... 4.0	35
▼ IPP 50CN10N G	SP000096474	PG-TO220-3-1	100	0.0500	2.1 ... 4.0	20

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{DS} V	$R_{DS(on)}$ Ω	$V_{GS(th)}$ V	I_D A

Power Transistors

N-Channel Enhancement Types (OptiMOS®-T) Low Voltage MOSFETs 55 V MOSFETs

▼ IPB 25N06S3L-22	SP000087994	PG-TO263-3-2	55	0.0210	1.2 ... 2.2	25
▼ IPB 25N06S3-25	SP000088000	PG-TO263-3-2	55	0.0250	2.1 ... 4.0	25
▼ IPB 77N06S3-09	SP000088715	PG-TO263-3-2	55	0.0088	2.1 ... 4.0	77
▼ IPB 80N06S3-07	SP000088065	PG-TO263-3-2	55	0.0065	2.1 ... 4.0	80
▼ IPB 80N06S3L-06	SP000088004	PG-TO263-3-2	55	0.0056	1.2 ... 2.2	80
▼ IPB 100N06S3-03	SP000087982	PG-TO263-3-2	55	0.0030	2.1 ... 4.0	100
▼ IPB 100N06S3L-03	SP000087978	PG-TO263-3-2	55	0.0027	1.2 ... 2.2	100
▼ IPB 100N06S3L-04	SP000102219	PG-TO263-3-2	55	0.0038	1.2 ... 2.2	100
▼ IPI 25N06S3L-22	SP000087996	PG-TO262-3-1	55	0.0021	1.2 ... 2.2	25
▼ IPI 25N06S3-25	SP000087997	PG-TO262-3-1	55	0.0025	2.1 ... 4.0	25
▼ IPI 77N06S3-09	SP000088716	PG-TO262-3-1	55	0.0088	2.1 ... 4.0	77
▼ IPI 80N06S3-07	SP000088064	PG-TO262-3-1	55	0.0065	2.1 ... 4.0	80
▼ IPI 80N06S3L-06	SP000088002	PG-TO262-3-1	55	0.0056	1.2 ... 2.2	80
▼ IPI 80N06S3L-08	SP000088131	PG-TO262-3-1	55	0.0076	1.2 ... 2.2	80
▼ IPI 100N06S3-03	SP000087992	PG-TO262-3-1	55	0.0030	2.1 ... 4.0	100
▼ IPI 100N06S3L-03	SP000087979	PG-TO262-3-1	55	0.0027	1.2 ... 2.2	100
▼ IPI 100N06S3L-04	SP000102211	PG-TO262-3-1	55	0.0038	1.2 ... 2.2	100
▼ IPP 25N06S3L-22	SP000087993	PG-TO220-3-1	55	0.0021	1.2 ... 2.2	25
▼ IPP 25N06S3-25	SP000088001	PG-TO220-3-1	55	0.0025	2.1 ... 4.0	25
▼ IPP 77N06S3-09	SP000088717	PG-TO220-3-1	55	0.0088	2.1 ... 4.0	77
▼ IPP 80N06S3-07	SP000088067	PG-TO220-3-1	55	0.0065	2.1 ... 4.0	80
▼ IPP 80N06S3L-06	SP000088006	PG-TO220-3-1	55	0.0056	1.2 ... 2.2	80
▼ IPP 80N06S3L-08	SP000088127	PG-TO220-3-1	55	0.0076	1.2 ... 2.2	80
▼ IPP 100N06S3-03	SP000087980	PG-TO220-3-1	55	0.0030	2.1 ... 4.0	100
▼ IPP 100N06S3L-03	SP000087977	PG-TO220-3-1	55	0.0027	1.2 ... 2.2	100
▼ IPP 100N06S3L-04	SP000102209	PG-TO220-3-1	55	0.0038	1.2 ... 2.2	100

N-Channel Enhancement Types (Buck Converter Series) Low Voltage MOSFETs 30 V MOSFETs

IPD 20N03L	SP000016259	P-TO252-3-11	30	0.0200	1.2 ... 2.0	30
▼ IPD 20N03L G	SP000017603	PG-TO252-3-11	30	0.0200	1.2 ... 2.0	30
IPP 21N03L G	SP000065079	P-TO220-3-1	30	0.0210	1.2 ... 2.0	30
IPS 20N03L G	SP000064380	PG-TO251-3-11	30	0.0200	1.2 ... 2.0	30
▼ IPU 20N03L G	SP000018246	PG-TO251-3-1	30	0.0200	1.2 ... 2.0	30

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{DS}	$R_{DS(on)}$	$V_{GS(th)}$	I_D
			V	Ω	V	A

Power Transistors

P-Channel Enhancement Types (OptiMOS®) Low Voltage MOSFETs -20 V to -30 V

BSA 223SP	SP000014171	SC75	- 20	1.200	- 1.2 ... - 0.6	- 0.39
BSD 223P	SP000013661	SOT363	- 20	1.200	- 1.2 ... - 0.6	- 0.35
BSL 207SP	SP000012582	TSOP-6-1	- 20	0.045	- 1.2 ... - 0.6	- 15.6
▼ BSL 207SP G	SP000095796	TSOP-6-1	- 20	0.045	- 1.2 ... - 0.6	- 15.6
BSL 211SP	SP000012580	TSOP-6-1	- 20	0.067	- 1.2 ... - 0.6	- 15.9
▼ BSL 211SP G	SP000095797	TSOP-6-1	- 20	0.067	- 1.2 ... - 0.6	- 15.9
BSO 201SP	SP000012578	P-DSO-8-1	- 20	0.008	- 1.2 ... - 0.6	- 14.9
BSO 203P	SP000012572	P-DSO-8-1	- 20	0.021	- 1.2 ... - 0.6	- 9.0
BSO 203SP	SP000012579	P-DSO-8-1	- 20	0.021	- 1.2 ... - 0.6	- 8.2
BSO 204P	SP000013487	P-DSO-8-1	- 20	0.030	- 1.2 ... - 0.6	- 23.9
BSO 207P	SP000012573	P-DSO-8-1	- 20	0.045	- 1.2 ... - 0.6	- 5.7
BSO 211P	SP000012623	P-DSO-8-1	- 20	0.067	- 1.2 ... - 0.6	- 4.7
BSO 301SP	SP000012583	P-DSO-8-1	- 30	0.008	- 2.0 ... - 1.0	- 14.9
BSO 303P	SP000012622	P-DSO-8-1	- 30	0.021	- 2.0 ... - 1.0	- 8.2
BSO 303SP	SP000014019	P-DSO-8-1	- 30	0.021	- 2.0 ... - 1.0	- 8.9
BSS 209PW	SP000013478	SOT323	- 20	0.55	- 1.2 ... - 0.6	- 0.58
BSS 223PW	SP000013479	SOT323	- 20	1.20	- 1.2 ... - 0.6	- 0.39
BSV 236 SP	SP000013480	SOT363	- 20	0.175	- 1.2 ... - 0.6	- 0.15
BSL 307SP	SP000012585	TSOP-6-1	- 30	0.043	- 2.0 ... - 1.0	- 23.4
▼ BSL 307SP G	SP000095798	TSOP-6-1	- 30	0.043	- 2.0 ... - 1.0	- 23.4
BSO 080P03S	SP000014958	P-DSO-8-1	- 30	0.008	- 2.2 ... - 1.0	- 14.9
BSO 130P03S	SP000014729	P-DSO-8-1	- 30	0.013	- 2.2 ... - 1.0	- 11.3
BSO 200P03S	SP000014959	P-DSO-8-1	- 30	0.020	- 2.2 ... - 1.0	- 9.1
SPD 50P03L	SP000012624	P-TO252-3-1	- 30	0.007	- 2.0 ... - 1.0	- 50
▼ SPD 50P03L G	SP000086729	PG-TO252-3-1	- 30	0.007	- 2.0 ... - 1.0	- 50

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{DS} V	$R_{DS(on)}$ Ω	$V_{GS(th)}$ V	I_D A

Power Transistors

P-Channel Enhancement Types (SIPMOS®) Low Voltage MOSFETs -60 V to -250 V

BSO 613SPV	SP000012847	P-DSO-8-5	- 60	0.13	- 4.0 ... - 2.1	- 3.44
▼ BSO 613SPV G	SP000216309	PG-DSO-8-5	- 60	0.13	- 4.0 ... - 2.1	- 3.44
BSP 170P	SP000012133	SOT223	- 60	0.30	- 4.0 ... - 2.1	- 1.9
▼ BSP 170P G	SP000089225	SOT223	- 60	0.30	- 4.0 ... - 2.1	- 1.9
BSP 171P	SP000012134	SOT223	- 60	0.30	- 2.0 ... - 4.0	- 1.8
▼ BSP 171P G	SP000089226	SOT223	- 60	0.30	- 2.0 ... - 4.0	- 1.8
BSP 315P	SP000012319	SOT223	- 60	0.80	- 2.0 ... - 4.0	- 1.17
▼ BSP 315P G	SP000089221	SOT223	- 60	0.80	- 2.0 ... - 4.0	- 1.17
BSP 613P	SP000012301	SOT223	- 60	0.13	- 4.0 ... - 2.1	- 2.9
▼ BSP 613P G	SP000089224	SOT223	- 60	0.13	- 4.0 ... - 2.1	- 2.9
BSS 83P	SP000012075	SOT223	- 60	2.00	- 2.0 ... - 4.0	- 0.33
BSS 84P E-6327	SP000012321	SOT223	- 60	8.00	- 2.0 ... - 4.0	- 0.17
▼ BSS 84P G E-6327	SP000082879	SOT223	- 60	8.00	- 2.0 ... - 4.0	- 0.17
▼ BSS 84P E-6433	SP000012323	SOT223	- 60	8.00	- 2.0 ... - 4.0	- 0.17
BSS 84PW	SP000013078	SOT323	- 60	8.00	- 2.0 ... - 4.0	- 0.17
SPB 08P06P	SP000012508	P-TO263-3-2	- 60	0.30	- 4.0 ... - 2.1	- 8.8
▼ SPB 08P06P G	SP000102179	PG-TO263-3-2	- 60	0.30	- 4.0 ... - 2.1	- 8.8
SPB 18P06P	SP000012329	P-TO263-3-2	- 60	0.30	- 4.0 ... - 2.1	- 8.8
▼ SPB 18P06P G	SP000102181	PG-TO263-3-2	- 60	0.30	- 4.0 ... - 2.1	- 8.8
SPB 80P06P	SP000012841	P-TO263-3-2	- 60	0.20	- 4.0 ... - 2.1	- 80
▼ SPB 80P06P G	SP000096088	PG-TO263-3-2	- 60	0.20	- 4.0 ... - 2.1	- 80
SPD 08P06P	SP000077441	P-TO252-3-1	- 60	0.30	- 4.0 ... - 2.1	- 8.8
▼ SPD 08P06P G	SP000096087	PG-TO252-3-1	- 60	0.30	- 4.0 ... - 2.1	- 8.8
SPD 09P06PL	SP000012549	P-TO252-3-1	- 60	0.25	- 4.0 ... - 2.1	- 9.7
▼ SPD 09P06PL G	SP000077442	PG-TO252-3-1	- 60	0.25	- 4.0 ... - 2.1	- 9.7
SPD 18P06P	SP000012298	P-TO252-3-1	- 60	0.13	- 4.0 ... - 2.1	- 18.8
▼ SPD 18P06P G	SP000077440	PG-TO252-3-1	- 60	0.13	- 4.0 ... - 2.1	- 18.8
SPD 30P06P	SP000012842	P-TO252-3-1	- 60	0.075	- 4.0 ... - 2.1	- 30
▼ SPD 30P06P G	SP000077529	PG-TO252-3-1	- 60	0.075	- 4.0 ... - 2.1	- 30
SPP 08P06P	SP000012085	P-TO220-3-1	- 60	0.30	- 4.0 ... - 2.1	- 8.8
SPP 18P06P	SP000012300	P-TO220-3-1	- 60	0.13	- 4.0 ... - 2.1	- 18.8
SPP 80P06P	SP000012840	P-TO220-3-1	- 60	0.023	- 4.0 ... - 2.1	- 80
SPU 08P06P	SP000012086	P-TO251-3-1	- 60	0.30	- 4.0 ... - 2.1	- 8.8
SPU 09P06PL	SP000012876	P-TO251-3-1	- 60	0.25	- 4.0 ... - 2.1	- 9.7
SPU 18P06P	SP000012303	P-TO251-3-1	- 60	0.13	- 4.0 ... - 2.1	- 18.6
SPU 30P06P	SP000012844	P-TO251-3-1	- 60	0.075	- 4.0 ... - 2.1	- 30
BSP 316P	SP000014249	SOT223	- 100	2.20	- 2.0 ... - 0.8	- 0.65
▼ BSP 316P G	SP000089222	SOT223	- 100	2.20	- 2.0 ... - 0.8	- 0.65
SPP 15P10P	SP000014331	P-TO220-3-1	- 100	0.24	- 4.0 ... - 2.1	- 15
▼ SPP 15P10P G	SP000212313	PG-TO220-3-1	- 100	0.24	- 4.0 ... - 2.1	- 15
BSP 317P	SP000014250	SOT223	- 200	6	- 2.0 ... - 0.8	- 0.37
▼ BSP 317P G	SP000089220	SOT223	- 200	6	- 2.0 ... - 0.8	- 0.37
BSP 92P	SP000014253	SOT223	- 240	20	- 2.0 ... - 0.8	- 0.2
▼ BSP 92P G	SP000089223	SOT223	- 240	20	- 2.0 ... - 0.8	- 0.2
BSS 192P	SP000014329	SOT89	- 240	20	- 2.0 ... - 0.8	- 0.15
▼ BSS 192P G	SP000095795	SOT89	- 240	20	- 2.0 ... - 0.8	- 0.15

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{DS} V	$R_{DS(on)}$ Ω	$V_{GS(th)}$ V	I_D A

Power Transistors

N-Channel Depletion Types MOSFETs (SIPMOS®)

BSS 159N	SP000014638	SOT23	60	8	- 3.5 ... - 2.4	0.13
BSS 159N E-6906	SP000055412	SOT23	60	8	sorted in bands	0.13
BSS 169	SP000011172	SOT23	100	12	- 2.9 ... - 1.8	0.09
BSS 169 E-6906	SP000055416	SOT23	100	12	sorted in bands	0.09
BSP 149	SP000011104	SOT223	200	3.5	- 2.1 ... - 1.0	0.14
▼ BSP 149 G	SP000089214	SOT223	200	3.5	- 2.1 ... - 1.0	0.14
▼ BSP 149 E-6906	SP000055414	SOT223	200	3.5	sorted in bands	0.14
▼ BSP 149 G E-6906	SP000089215	SOT223	200	3.5	sorted in bands	0.14
BSP 129	SP000011102	SOT223	240	6	- 2.1 ... - 1.0	0.05
▼ BSP 129 G	SP000089218	SOT223	240	6	- 2.1 ... - 1.0	0.05
▼ BSP 129 G E-6906	SP000089219	SOT223	240	6	sorted in bands	0.05
BSS 139	SP000011170	SOT23	250	30	- 2.1 ... - 1.0	0.03
BSS 139 E-6906	SP000055415	SOT23	250	30	sorted in bands	0.03
BSP 135	SP000011103	SOT223	600	60	- 2.1 ... - 1.0	0.02
▼ BSP 135 G	SP000089206	SOT223	600	60	- 2.1 ... - 1.0	0.02
BSP 135 E-6906	SP000055417	SOT223	600	60	sorted in bands	0.02
▼ BSP 135 G E-6906	SP000089207	SOT223	600	60	sorted in bands	0.02
BSS 126 G	SP000055447	SOT23	600	500	- 2.7 ... - 1.6	0.007
BSS 126 G E-6906	SP000055448	SOT23	600	500	sorted in bands	0.007

Complementary N/P-Channel Enhancement Types (SIPMOS®)

Low Voltage MOSFETs

BSO 612CV	SP000012292	P-DSO-8-5	60	0.12	2.1 ... 4.0	3.1
			- 60	0.30	- 4.0 ... - 2.1	- 2.0
▼ BSO 612CV G	SP000216307	PG-DSO-8-5	60	0.12	2.1 ... 4.0	3.1
			- 60	0.30	- 4.0 ... - 2.1	- 2.0
BSO 615C	SP000011972	P-DSO-8-5	60	0.11	1.2 ... 2.0	3.2
			- 60	0.30	- 2.0 ... - 1.0	- 2.0
▼ BSO 615C G	SP000216311	PG-DSO-8-5	60	0.11	1.2 ... 2.0	3.2
			- 60	0.30	- 2.0 ... - 1.0	- 2.0

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{DS} V	$R_{DS(on)}$ Ω	$V_{GS(th)}$ V	I_D A

Power Transistors

N-Channel SIPMOS Small-Signal Transistors High Voltage 400 V

BSP 298	SP000011109	SOT223	400	3	2.1 ... 4.0	0.50
▼ BSP 298 G	SP000088258	SOT223	400	3	2.1 ... 4.0	0.50
BSP 324	SP000011117	SOT223	400	25	1.5 ... 2.5	0.17
▼ BSP 324 G	SP000089203	SOT223	400	25	1.5 ... 2.5	0.17

N-Channel SIPMOS Small-Signal Transistors High Voltage 500 V

BSP 299	SP000011110	SOT223	500	4	2.1 ... 4.0	0.40
▼ BSP 299 G	SP000089200	SOT223	500	4	2.1 ... 4.0	0.40

N-Channel SIPMOS Small-Signal Transistors High Voltage 600 V

BSP 125	SP000011100	SOT223	600	45	1.5 ... 2.5	0.120
▼ BSP 125 G	SP000089204	SOT223	600	45	1.5 ... 2.5	0.120
BSP 125 E-6433	SP000011101	SOT223	600	45	1.5 ... 2.5	0.120
▼ BSP 125 G E-6433	SP000089211	SOT223	600	45	1.5 ... 2.5	0.120
BSS 127 G	SP000056646	SOT23	600	500	1.4 ... 2.6	0.023
BSS 225	SP000017502	SOT89	600	45	1.3 ... 2.3	0.090
▼ BSS 225 G	SP000095776	SOT89	600	45	1.3 ... 2.3	0.090

N-Channel SIPMOS Small-Signal Transistors High Voltage 800 V

BSP 300	SP000011111	SOT223	800	20	2.0 ... 4.0	0.19
▼ BSP 300 G	SP000089201	SOT223	800	20	2.0 ... 4.0	0.19

N-Channel SIPMOS MOSFETs High Voltage 800 V

▼ BUZ 81	SP000016235	P-TO220-3-1	800	2.5	2.4 ... 4.0	4.00
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SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{DS} V	$R_{DS(on)}$ Ω	$V_{GS(th)}$ V	I_D A

Power Transistors

N-Channel CoolMOS™ MOSFETs High Voltage 500 V

SPA 04N50C3	SP000216298	PG-TO220-3-31	500	0.95	2.1 ... 3.9	4.50
SPA 08N50C3	SP000216306	PG-TO220-3-31	500	0.60	2.1 ... 3.9	7.60
SPA 12N50C3	SP000216322	PG-TO220-3-31	500	0.38	2.1 ... 3.9	11.60
SPA 16N50C3	SP000216351	PG-TO220-3-31	500	0.28	2.1 ... 3.9	16.00
SPA 21N50C3	SP000216364	PG-TO220-3-31	500	0.19	2.1 ... 3.9	21.00
SPB 04N50C3	SP000014477	P-TO263-3-2	500	0.95	2.1 ... 3.9	4.50
SPB 12N50C3	SP000014894	P-TO263-3-2	500	0.38	2.1 ... 3.9	11.60
SPB 16N50C3	SP000014895	P-TO263-3-2	500	0.28	2.1 ... 3.9	16.00
SPB 21N50C3	SP000013833	P-TO263-3-2	500	0.19	2.1 ... 3.9	21.00
SPD 02N50C3	SP000014476	PG-TO252-3-1	500	3.00	2.1 ... 3.9	1.80
SPD 03N50C3	SP000014289	PG-TO252-3-1	500	1.40	2.1 ... 3.9	3.20
SPD 04N50C3	SP000014479	P-TO252-3-1	500	0.95	2.1 ... 3.9	4.50
▼ SPD 04N50C3	SP000077609	PG-TO252-3-1	500	0.95	2.1 ... 3.9	4.50
SPD 08N50C3	SP000013835	P-TO252-3-1	500	0.60	2.1 ... 3.9	7.60
SPI 08N50C3	SP000014461	PG-TO262-3-1	500	0.60	2.1 ... 3.9	7.60
SPI 12N50C3	SP000014467	PG-TO262-3-1	500	0.38	2.1 ... 3.9	11.60
SPI 16N50C3	SP000014470	PG-TO262-3-1	500	0.28	2.1 ... 3.9	16.00
SPI 21N50C3	SP000014463	PG-TO262-3-1	500	0.19	2.1 ... 3.9	21.00
SPP 04N50C3	SP000014478	P-TO220-3-1	500	0.95	2.1 ... 3.9	4.50
SPP 08N50C3	SP000013834	P-TO220-3-1	500	0.60	2.1 ... 3.9	7.60
SPP 12N50C3	SP000014459	P-TO220-3-1	500	0.38	2.1 ... 3.9	11.60
SPP 16N50C3	SP000014460	P-TO220-3-1	500	0.28	2.1 ... 3.9	16.00
SPP 21N50C3	SP000013832	P-TO220-3-1	500	0.19	2.1 ... 3.9	21.00
SPW 12N50C3	SP000014469	PG-TO247-3-1	500	0.38	2.1 ... 3.9	11.60
SPW 16N50C3	SP000014472	PG-TO247-3-1	500	0.28	2.1 ... 3.9	16.00
SPW 21N50C3	SP000014464	PG-TO247-3-1	500	0.19	2.1 ... 3.9	21.00
SPW 32N50C3	SP000014625	PG-TO247-3-1	500	0.11	2.1 ... 3.9	32.00
SPW 52N50C3	SP000014626	PG-TO247-3-1	500	0.07	2.1 ... 3.9	52.00

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{DS} V	$R_{DS(on)}$ Ω	$V_{GS(th)}$ V	I_D A

Power Transistors

N-Channel CoolMOS™ MOSFETs High Voltage 600 V

SPA 03N60C3	SP000216296	PG-TO220-3-31	600	1.40	2.1 ... 3.9	3.20
SPA 04N60C3	SP000216299	PG-TO220-3-31	600	0.95	2.1 ... 3.9	3.30
SPA 06N60C3	SP000216301	PG-TO220-3-31	600	0.75	2.1 ... 3.9	6.20
SPA 07N60C3	SP000216303	PG-TO220-3-31	600	0.60	2.1 ... 3.9	7.30
SPA 11N60C3	SP000216312	PG-TO220-3-31	600	0.38	2.1 ... 3.9	5.50
SPA 15N60C3	SP000216325	PG-TO220-3-31	600	0.28	2.1 ... 3.9	15.00
SPA 20N60C3	SP000216354	PG-TO220-3-31	600	0.19	2.1 ... 3.9	8.10
SPB 02N60C3	SP000013516	P-TO263-3-2	600	3.00	3.5 ... 5.5	2.00
SPB 02N60S5	SP000012388	P-TO263-3-2	600	3.00	2.1 ... 3.9	1.80
SPB 03N60C3	SP000013517	P-TO263-3-2	600	1.40	2.1 ... 3.9	3.20
SPB 03N60S5	SP000012341	P-TO263-3-2	600	1.40	3.5 ... 5.5	3.00
SPB 04N60C3	SP000013533	P-TO263-3-2	600	0.95	2.1 ... 3.9	4.50
SPB 04N60S5	SP000012364	P-TO263-3-2	600	0.95	3.5 ... 5.5	4.00
SPB 07N60C3	SP000013518	P-TO263-3-2	600	0.60	2.1 ... 3.9	7.30
SPB 07N60S5	SP000012111	P-TO263-3-2	600	0.60	3.5 ... 5.5	7.00
SPB 11N60C3	SP000013519	P-TO263-3-2	600	0.38	2.1 ... 3.9	11.00
SPB 11N60S5	SP000012373	P-TO263-3-2	600	0.38	3.5 ... 5.5	11.00
SPB 20N60C3	SP000013520	P-TO263-3-2	600	0.19	2.1 ... 3.9	20.00
SPB 20N60S5	SP000012112	P-TO263-3-2	600	0.19	3.5 ... 5.5	20.00
SPD 01N60C3	SP000012114	PG-TO252-3-1	600	6.00	2.1 ... 3.9	0.80
SPD 02N60C3	SP000013693	P-TO252-3-1	600	1.40	2.1 ... 3.9	3.20
▼ SPD 02N60C3	SP000077611	PG-TO252-3-1	600	1.40	2.1 ... 3.9	3.20
SPD 02N60S5	SP000012389	P-TO252-3-1	600	3.00	3.5 ... 5.5	2.00
▼ SPD 02N60S5	SP000083074	PG-TO252-3-1	600	3.00	3.5 ... 5.5	2.00
SPD 03N60C3	SP000013694	P-TO252-3-1	600	0.95	2.1 ... 3.9	4.50
▼ SPD 03N60C3	SP000081145	PG-TO252-3-1	600	0.95	2.1 ... 3.9	4.50
▼ SPD 03N60S5	SP000083076	PG-TO252-3-1	600	1.40	3.5 ... 5.5	3.00
SPD 04N60C3	SP000013656	P-TO252-3-1	600	0.95	2.1 ... 3.9	4.50
▼ SPD 04N60C3	SP000077604	PG-TO252-3-1	600	0.95	2.1 ... 3.9	4.50
SPD 04N60S5	SP000012374	P-TO252-3-1	600	0.95	3.5 ... 5.5	4.00
▼ SPD 04N60S5	SP000077613	PG-TO252-3-1	600	0.95	3.5 ... 5.5	4.00
SPD 06N60C3	SP000014696	P-TO252-3-1	600	0.75	2.1 ... 3.9	6.20
SPD 07N60C3	SP000013730	P-TO252-3-1	600	0.60	2.1 ... 3.9	7.30
▼ SPD 07N60C3	SP000077605	PG-TO252-3-1	600	0.60	2.1 ... 3.9	7.30
SPD 07N60S5	SP000012113	P-TO252-3-1	600	0.60	3.5 ... 5.5	7.00
▼ SPD 07N60S5	SP000077614	P-TO252-3-1	600	0.60	3.5 ... 5.5	7.00

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{DS} V	$R_{DS(on)}$ Ω	$V_{GS(th)}$ V	I_D A

Power Transistors

N-Channel CoolMOS™ MOSFETs High Voltage 600 V (cont'd)

SPI 07N60C3	SP000013521	P-TO262-3-1	600	0.60	2.1 ... 3.9	7.30
SPI 07N60S5	SP000013025	P-TO262-3-1	600	0.60	3.5 ... 5.5	7.30
SPI 11N60C3	SP000013522	P-TO262-3-1	600	0.38	2.1 ... 3.9	11.00
SPI 11N60S5	SP000013033	P-TO262-3-1	600	0.38	3.5 ... 5.5	11.00
SPI 15N60C3	SP000014528	P-TO262-3-1	600	0.28	2.1 ... 3.9	15.00
SPI 20N60C3	SP000014453	P-TO262-3-1	600	0.19	2.1 ... 3.9	20.00
SPN 01N60C3	SP000012411	SOT223	600	6.00	2.1 ... 3.9	0.30
SPN 02N60C3	SP000014454	SOT223	600	3.00	2.1 ... 3.9	0.40
▼ SPN 02N60C3 G	SP000101878	SOT223	600	3.00	2.1 ... 3.9	0.40
SPN 02N60C3 E-6433	SP000101883	SOT223	600	3.00	2.1 ... 3.9	0.40
SPN 02N60S5	SP000012412	SOT223	600	3.00	3.5 ... 5.5	0.40
SPN 03N60C3	SP000014455	SOT223	600	1.40	2.1 ... 3.9	0.70
SPN 03N60S5	SP000012413	SOT223	600	1.40	3.5 ... 5.5	0.70
SPN 04N60S5	SP000012414	SOT223	600	0.95	3.5 ... 5.5	0.80
SPP 02N60C3	SP000013523	P-TO220-3-1	600	3.00	2.1 ... 3.9	1.80
SPP 02N60S5	SP000012390	P-TO220-3-1	600	3.00	3.5 ... 5.5	2.00
SPP 03N60C3	SP000013524	P-TO220-3-1	600	1.40	2.1 ... 3.9	3.20
SPP 03N60S5	SP000012340	P-TO220-3-1	600	1.40	3.5 ... 5.5	3.00
SPP 04N60C3	SP000013534	P-TO220-3-1	600	0.95	2.1 ... 3.9	4.50
SPP 04N60S5	SP000012363	P-TO220-3-1	600	0.95	3.5 ... 5.5	4.00
SPP 06N60C3	SP000014697	P-TO220-3-1	600	0.75	2.1 ... 3.9	6.20
SPP 07N60C3	SP000013525	P-TO220-3-1	600	0.60	2.1 ... 3.9	7.30
SPP 07N60S5	SP000012115	P-TO220-3-1	600	0.60	3.5 ... 5.5	7.00
SPP 11N60C3	SP000013526	P-TO220-3-1	600	0.38	2.1 ... 3.9	11.00
SPP 11N60S5	SP000012375	P-TO220-3-1	600	0.38	3.5 ... 5.5	11.00
SPP 15N60C3	SP000014527	P-TO220-3-1	600	0.28	2.1 ... 3.9	15.00
SPP 20N60C3	SP000013527	P-TO220-3-1	600	0.19	2.1 ... 3.9	20.00
SPP 20N60S5	SP000012116	P-TO220-3-1	600	0.19	3.5 ... 5.5	20.00
SPP 24N60C3	SP000014690	P-TO220-3-1	600	0.16	2.1 ... 3.9	24.00
SPU 01N60C3	SP000012110	P-TO251-3-1	600	6.00	2.1 ... 3.9	0.80
SPU 02N60C3	SP000015064	P-TO251-3-1	600	3.00	2.1 ... 3.9	1.80
SPU 02N60S5	SP000012422	P-TO251-3-1	600	3.00	3.5 ... 5.5	1.80
SPU 03N60S5	SP000012423	P-TO251-3-1	600	1.40	3.5 ... 5.5	3.20
▼ SPU 04N60C3	SP000095850	P-TO251-3-1	600	0.95	2.1 ... 3.9	4.50
SPU 04N60S5	SP000012424	P-TO251-3-1	600	0.95	3.5 ... 5.5	4.50
▼ SPU 07N60C3	SP000101635	P-TO251-3-1	600	0.60	2.1 ... 3.9	7.30
SPU 07N60S5	SP000012109	P-TO251-3-1	600	0.60	3.5 ... 5.5	7.30
SPW 11N60C3	SP000013728	P-TO247-3-1	600	0.38	2.1 ... 3.9	11.00
SPW 11N60S5	SP000012462	P-TO247-3-1	600	0.38	3.5 ... 5.5	11.00
SPW 15N60C3	SP000014530	P-TO247-3-1	600	0.28	2.1 ... 3.9	15.00
SPW 20N60C3	SP000013729	P-TO247-3-1	600	0.19	2.1 ... 3.9	20.00
SPW 20N60S5	SP000012463	P-TO247-3-1	600	0.19	3.5 ... 5.5	20.00
SPW 24N60C3	SP000014695	P-TO247-3-1	600	0.16	2.1 ... 3.9	24.00
SPW 35N60C3	SP000014970	P-TO247-3-1	600	0.10	2.1 ... 3.9	34.60
SPW 47N60C3	SP000013953	P-TO247-3-1	600	0.07	2.1 ... 3.9	47.00

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{DS} V	$R_{DS(on)}$ Ω	$V_{GS(th)}$ V	I_D A

Power Transistors

CoolMOS™ CP Power MOSFETs High Voltage 600 V

▼ IPA 60R125CP	SP000095275	PG-TO220-3-31	600	0.125	2.5 ... 3.5	25.00
▼ IPA 60R165CP	SP000096437	PG-TO220-3-31	600	0.165	2.5 ... 3.5	21.00
▼ IPA 60R199CP	SP000094146	PG-TO220-3-31	600	0.199	2.5 ... 3.5	16.00
▼ IPA 60R299CP	SP000096438	PG-TO220-3-31	600	0.299	2.5 ... 3.5	11.00
▼ IPA 60R385CP	SP000089316	PG-TO220-3-31	600	0.385	2.5 ... 3.5	9.00
▼ IPB 60R099CP	SP000088490	PG-TO263-3-2	600	0.099	2.5 ... 3.5	31.00
▼ IPB 60R165CP	SP000096439	PG-TO263-3-2	600	0.165	2.5 ... 3.5	21.00
▼ IPB 60R199CP	SP000223256	PG-TO263-3-2	600	0.199	2.5 ... 3.5	16.00
▼ IPB 60R385CP	SP000228365	PG-TO263-3-2	600	0.385	2.5 ... 3.5	9.00
▼ IPD 60R385CP	SP000062533	PG-TO252-3-1	600	0.385	2.5 ... 3.5	9.00
▼ IPI 60R199CP	SP000103248	PG-TO262-3-1	600	0.199	2.5 ... 3.5	16.00
▼ IPI 60R299CP	SP000103249	PG-TO262-3-1	600	0.299	2.5 ... 3.5	11.00
▼ IPI 60R385CP	SP000103250	PG-TO252-3-1	600	0.385	2.5 ... 3.5	9.00
▼ IPP 60R099CP	SP000057021	PG-TO220-3-1	600	0.099	2.5 ... 3.5	31.00
▼ IPP 60R125CP	SP000088488	PG-TO220-3-1	600	0.125	2.5 ... 3.5	21.00
▼ IPP 60R165CP	SP000084279	PG-TO220-3-1	600	0.165	2.5 ... 3.5	25.00
▼ IPP 60R199CP	SP000084278	PG-TO220-3-1	600	0.199	2.5 ... 3.5	16.00
▼ IPP 60R299CP	SP000084280	PG-TO220-3-1	600	0.299	2.5 ... 3.5	11.00
▼ IPP 60R385CP	SP000082281	PG-TO220-3-1	600	0.385	2.5 ... 3.5	9.00
▼ IPW 60R045CP	SP000067149	PG-TO247-3-1	600	0.045	2.5 ... 3.5	60.00
▼ IPW 60R099CP	SP000067147	PG-TO247-3-1	600	0.099	2.5 ... 3.5	31.00
▼ IPW 60R125CP	SP000088489	PG-TO247-3-1	600	0.125	2.5 ... 3.5	25.00
▼ IPW 60R165CP	SP000095483	PG-TO247-3-1	600	0.165	2.5 ... 3.5	21.00
▼ IPW 60R199CP	SP000089802	PG-TO247-3-1	600	0.199	2.5 ... 3.5	16.00
▼ IPW 60R299CP	SP000103251	PG-TO247-3-1	600	0.299	2.5 ... 3.5	11.00

CoolMOS™ MOSFETs CFD for ZVS Applications (with fast body diode) High Voltage 600 V

▼ SPA 11N60CFD	SP000216317	PG-TO220-3-31	600	0.22	3.0 ... 5.0	8.30
▼ SPA 20N60CFD	SP000216361	PG-TO220-3-31	600	0.44	3.0 ... 5.0	11.00
SPP 11N60CFD	SP000014533	PG-TO220-3-1	600	0.22	3.0 ... 5.0	8.30
SPP 20N60CFD	SP000014475	PG-TO220-3-1	600	0.22	3.0 ... 5.0	20.70
SPW 11N60CFD	SP000014534	PG-TO247-3-1	600	0.44	3.0 ... 5.0	11.00
SPW 20N60CFD	SP000014535	PG-TO247-3-1	600	0.22	3.0 ... 5.0	20.00
▼ SPW 35N60CFD	SP000065487	PG-TO247-3-1	600	0.12	3.0 ... 5.0	34.10
▼ SPW 47N60CFD	SP000065376	PG-TO247-3-1	600	0.08	3.0 ... 5.0	46.00

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{DS} V	$R_{DS(on)}$ Ω	$V_{GS(th)}$ V	I_D A

Power Transistors

N-Channel CoolMOS™ MOSFETs High Voltage 650 V

SPA 07N65C3	SP000216305	PG-TO220-3-31	650	0.60	2.1 ... 3.9	7.30
SPA 11N65C3	SP000216318	PG-TO220-3-31	650	0.38	2.1 ... 3.9	11.00
SPA 20N65C3	SP000216362	PG-TO220-3-31	650	0.19	2.1 ... 3.9	20.70
SPI 07N65C3	SP000014632	P-TO220-3-31	650	0.60	2.1 ... 3.9	7.30
SPI 11N65C3	SP000014526	P-TO262-3-1	650	0.38	2.1 ... 3.9	11.00
SPI 20N65C3	SP000014525	P-TO262-3-1	650	0.19	2.1 ... 3.9	20.70
SPP 07N65C3	SP000014631	P-TO220-3-31	650	0.60	2.1 ... 3.9	7.30
SPP 11N65C3	SP000014371	P-TO220-3-31	650	0.38	2.1 ... 3.9	11.00
SPP 20N65C3	SP000014369	P-TO220-3-31	650	0.10	2.1 ... 3.9	20.70

N-Channel CoolMOS™ MOSFETs High Voltage 800 V

SPA 02N80C3	SP000216295	PG-TO220-3-31	800	2.70	2.1 ... 3.9	2.00
SPA 04N80C3	SP000216300	PG-TO220-3-31	800	2.70	2.1 ... 3.9	2.00
SPA 06N80C3	SP000216302	PG-TO220-3-31	800	0.90	2.1 ... 3.9	6.00
SPA 08N80C3	SP000216310	PG-TO220-3-31	800	0.65	2.1 ... 3.9	8.00
SPA 11N80C3	SP000216320	PG-TO220-3-31	800	0.45	2.1 ... 3.9	11.00
SPA 17N80C3	SP000216353	PG-TO220-3-31	800	0.29	2.1 ... 3.9	17.00
SPB 17N80C3	SP000013370	P-TO263-3-2	800	0.29	2.0 ... 4.0	17.00
SPD 02N80C3	SP000014822	P-TO252-3-1	800	2.70	2.1 ... 3.9	2.00
SPD 04N80C3	SP000014524	P-TO252-3-1	800	1.30	2.1 ... 3.9	4.00
▼ SPD 04N80C3	SP000077607	PG-TO252-3-1	800	1.30	2.1 ... 3.9	4.00
SPD 06N80C3	SP000013364	P-TO252-3-1	800	0.90	2.0 ... 4.0	6.00
▼ SPD 06N80C3	SP000077606	PG-TO252-3-1	800	0.90	2.0 ... 4.0	6.00
SPI 08N80C3	SP000014819	P-TO262-3-1	800	0.65	2.1 ... 3.9	8.00
SPP 02N80C3	SP000013732	P-TO220-3-1	800	2.70	2.1 ... 3.9	2.00
SPP 04N80C3	SP000013706	P-TO220-3-1	800	1.30	2.1 ... 3.9	4.00
SPP 06N80C3	SP000013366	P-TO220-3-1	800	0.90	2.0 ... 4.0	6.00
SPP 08N80C3	SP000013704	P-TO220-3-1	800	0.90	2.1 ... 3.9	8.00
SPP 11N80C3	SP000013701	P-TO220-3-1	800	0.45	2.1 ... 3.9	11.00
SPP 17N80C3	SP000013354	P-TO220-3-1	800	0.29	2.1 ... 3.9	17.00
SPW 11N80C3	SP000013703	P-TO247-3-1	800	0.45	2.1 ... 3.9	11.00
SPW 17N80C3	SP000013369	P-TO247-3-1	800	0.29	2.0 ... 4.0	17.00
▼ SPW 17N80C3	SP000101842	PG-TO247-3-1	800	0.29	2.0 ... 4.0	17.00

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{CE} V	I_C A	P_{tot} W	R_{thJC} K/W

Power Transistors

IGBT Power Transistors 600 V

SGB 02N60	SP000011978	P-TO263-3-2	600	2	50	≤ 4.2
SGB 04N60	SP000011979	P-TO263-3-2	600	4	50	≤ 2.5
SGB 06N60	SP000011980	P-TO263-3-2	600	6	70	≤ 1.85
SGB 10N60	SP000011981	P-TO263-3-2	600	10	125	≤ 1.0
SGB 10N60A	SP000013790	P-TO263-3-2	600	10	92	1.35
SGB 15N60	SP000011983	P-TO263-3-2	600	15	135	≤ 0.9
▼ SGB 15N60 E-3261	SP000011982	P-TO263-3-2	600	15	135	≤ 0.9
SGB 20N60	SP000011984	P-TO263-3-2	600	20	175	≤ 0.7
SGB 30N60	SP000011985	P-TO263-3-2	600	30	250	≤ 0.5
SGD 02N60	SP000011993	P-TO252-3-1	600	2	30	≤ 4.2
SGD 04N60	SP000011994	P-TO252-3-1	600	4	50	≤ 2.5
SGD 06N60	SP000011995	P-TO252-3-1	600	6	70	≤ 1.85
SGP 02N60	SP000011986	P-TO220-3-1	600	2	50	≤ 4.2
SGP 04N60	SP000011987	P-TO220-3-1	600	4	50	≤ 2.5
SGP 06N60	SP000011988	P-TO220-3-1	600	6	70	≤ 1.85
SGP 10N60	SP000011989	P-TO220-3-1	600	10	125	≤ 1.0
SGP 10N60A	SP000013743	P-TO220-3-1	600	10	92	1.35
SGP 15N60	SP000011990	P-TO220-3-1	600	15	135	≤ 0.9
SGP 20N60	SP000011991	P-TO220-3-1	600	20	175	≤ 0.7
SGP 30N60	SP000011992	P-TO220-3-1	600	30	250	≤ 0.5
SGW 10N60	SP000012464	P-TO247-3-1	600	10	104	≤ 1.2
SGW 10N60A	SP000013742	P-TO247-3-1	600	10	92	1.35
SGW 15N60	SP000012465	P-TO247-3-1	600	15	138	≤ 0.9
SGW 20N60	SP000012466	P-TO247-3-1	600	20	178	≤ 0.7
SGW 30N60	SP000012467	P-TO247-3-1	600	30	250	≤ 0.5
▼ SKD 04N60 LV	SP000014295	P-TO252-3-1	600	5	50	≤ 2.5

IGBT Power Transistors 1200 V

▼ BUP 212	SP000011971	P-TO220-3-1	1200	22	125	≤ 1.0
▼ BUP 212 E-3045 A	SP000013752	P-TO263-3-2	1200	22	125	≤ 1.0
▼ BUP 213	SP000011326	P-TO220-3-1	1200	30	200	≤ 0.63
▼ BUP 213 E-3045 A	SP000012387	P-TO263-3-2	1200	30	200	≤ 0.63
▼ BUP 311 D	SP000011954	P-TO218-3-1	1200	12	125	≤ 1.0
▼ BUP 313	SP000011327	P-TO218-3-1	1200	30	200	≤ 0.63
▼ BUP 313 D	SP000011328	P-TO218-3-1	1200	32	200	≤ 0.63
▼ BUP 314	SP000011329	P-TO218-3-1	1200	52	300	≤ 0.42
▼ BUP 314 D	SP000011330	P-TO218-3-1	1200	42	300	≤ 0.42
SGB 02N120	SP000012558	P-TO263-3-2	1200	12	125	≤ 1.0
SGB 07N120	SP000012559	P-TO263-3-2	1200	7	125	≤ 1.0
SGB 15N120	SP000012560	P-TO263-3-2	1200	15	198	≤ 0.63
SGD 02N120	SP000012566	P-TO252-3-1	1200	2	62	≤ 2.0
▼ SGI 02N120	SP000012885	P-TO262-3-1	1200	2	62	≤ 2.0
SGP 02N120	SP000012561	P-TO220-3-1	1200	2	62	≤ 2.0
SGP 07N120	SP000012562	P-TO220-3-1	1200	7	125	≤ 1.0
SGP 15N120	SP000012563	P-TO220-3-1	1200	15	198	≤ 0.63
SGW 15N120	SP000012564	P-TO247-3-1	1200	15	198	≤ 0.63
SGW 25N120	SP000012565	P-TO247-3-1	1200	25	313	≤ 0.4

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{CE} V	I_C A	P_{tot} W	R_{thJC} K/W

Power Transistors

IGBT Power Transistors

Fast DuoPack™ (IGBT + EmCon™ Diode)

600 V

▼ SKA 06N60	SP000215379	PG-TO220-3-1	600	6	32	≤ 3.9
SKB 02N60	SP000012416	P-TO263-3-2	600	2	30	≤ 4.2
▼ SKB 02N60 E-3266	SP000012417	P-TO263-3-2	600	2	30	≤ 4.2
SKB 04N60	SP000012425	P-TO263-3-2	600	4	50	≤ 2.5
SKB 06N60	SP000012427	P-TO263-3-2	600	6	68	≤ 1.85
SKB 10N60	SP000012420	P-TO263-3-2	600	10	92	≤ 1.35
SKB 10N60A	SP000013740	P-TO263-3-2	600	10	92	≤ 1.35
SKB 15N60	SP000012429	P-TO263-3-2	600	15	139	≤ 0.9
▼ SKB 15N60 E-8151	SP000012430	P-TO263-3-2	600	15	139	≤ 0.9
SKP 02N60	SP000012421	P-TO220-3-1	600	2	30	≤ 4.2
SKP 04N60	SP000012418	P-TO220-3-1	600	4	50	≤ 2.5
SKP 06N60	SP000012426	P-TO220-3-1	600	6	68	≤ 1.85
SKP 10N60	SP000012419	P-TO220-3-1	600	10	92	≤ 1.35
SKP 10N60A	SP000013739	P-TO220-3-1	600	10	92	≤ 1.35
SKP 15N60	SP000012428	P-TO220-3-1	600	15	139	≤ 0.9
SKW 10N60	SP000012481	P-TO247-3-1	600	10	92	≤ 1.35
SKW 10N60A	SP000013741	P-TO247-3-1	600	10	92	≤ 1.35
SKW 15N60	SP000012482	P-TO247-3-1	600	15	139	≤ 0.9
SKW 20N60	SP000012483	P-TO247-3-1	600	20	179	≤ 0.7
SKW 30N60	SP000012484	P-TO247-3-1	600	30	250	≤ 0.5

IGBT Power Transistors

Fast DuoPack™ (IGBT + EmCon™ Diode)

1200 V

SKB 02N120	SP000012567	P-TO263-3-2	1200	2	62	≤ 2.0
SKP 02N120	SP000012568	P-TO220-3-1	1200	2	62	≤ 2.0
SKW 07N120	SP000012569	P-TO247-3-1	1200	8	125	≤ 1.0
SKW 15N120	SP000012570	P-TO247-3-1	1200	15	198	≤ 0.63
SKW 25N120	SP000012571	P-TO247-3-1	1200	25	313	≤ 0.4

IGBT Power Transistors (High Speed)

SGB 15N60HS	SP000014134	P-TO263-3-2	600	15	138	≤ 0.9
▼ SGB 15N60HS	SP000056421	PG-TO263-3-2	600	15	138	≤ 0.9
SGP 20N60HS	SP000013838	P-TO220-3-1	600	20	178	≤ 0.7
SGP 30N60HS	SP000013839	P-TO220-3-1	600	30	250	≤ 0.5
SGW 20N60HS	SP000013771	P-TO247-3-1	600	20	178	≤ 0.7
SGW 30N60HS	SP000013770	P-TO247-3-1	600	30	250	≤ 0.5
▼ SGW 50N60HS	SP000089248	P-TO247-3-1	600	50	416	≤ 0.3

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{CE} V	I_C A	P_{tot} W	R_{thJC} K/W

Power Transistors

IGBT Power Transistors (High Speed-2)

▼ IGA 03N120H2	SP000215371	PG-TO220-3-31	1200	3	29	≤ 4.3
▼ IGA 03N120H2 E-8153	SP000015372	PG-TO220-3-34	1200	3	29	≤ 4.3
IGB 01N120H2	SP000014614	P-TO263-3-2	1200	1	28	≤ 4.5
IGB 03N120H2	SP000014616	P-TO263-3-2	1200	3	62.5	≤ 2.0
IGD 01N120H2	SP000014523	P-TO252-3-1	1200	1	28	≤ 4.5
IGP 01N120H2	SP000014615	P-TO220-3-1	1200	1	28	≤ 4.5
IGP 03N120H2	SP000014617	P-TO220-3-1	1200	3	62.5	≤ 2.0
IGW 03N120H2	SP000014182	P-TO247-3-1	1200	3	62.5	≤ 2.0

IGBT Power Transistors

High Speed DuoPack™ (IGBT + EmCon™ Diode)

▼ SKB 06N60HS	SP000014222	P-TO263-3-2	600	6	68	≤ 1.85
SKB 15N60HS	SP000014221	P-TO263-3-2	600	15	138	≤ 0.90
SKW 20N60HS	SP000013772	P-TO247-3-1	600	20	178	≤ 0.70
SKW 30N60HS	SP000013744	P-TO247-3-1	600	30	250	≤ 0.50

High Speed-2 DuoPack™ (IGBT + EmCon™ Diode)

▼ IKA 03N120H2	SP000215373	PG-TO220-3-31	1200	3	29	≤ 4.30
▼ IKA 03N120H2 E-8153	SP000215374	PG-TO220-3-34	1200	3	29	≤ 4.30
IKB 01N120H2	SP000014271	P-TO263-3-2	1200	1	28	≤ 4.50
IKB 03N120H2	SP000014272	P-TO263-3-2	1200	3	62.5	≤ 2.00
IKP 01N120H2	SP000014179	P-TO220-3-1	1200	1	28	≤ 4.50
IKP 03N120H2	SP000014180	P-TO220-3-1	1200	3	62.5	≤ 2.00
IKW 03N120H2	SP000014181	P-TO247-3-1	1200	3	62.5	≤ 2.00

LightMOS Lighting IGBT

600 V

▼ ILD 03N60	SP000014338	P-TO252-3-21	600	3	27	≤ 4.70
▼ ILD 03N60	SP000077615	PG-TO252-3-21	600	3	27	≤ 4.70

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{CE} V	I_C A	P_{tot} W	R_{thJC} K/W

Power Transistors

IGBT Power Transistors TrenchStop 600 V

IGB 15N60T	SP000054921	P-TO263-3-2	600	15	130	≤ 1.15
▼ IGB 30N60T	SP000095765	P-TO263-3-2	600	30	187	≤ 0.80
IGB 50N60T	SP000054922	P-TO263-3-2	600	50	333	≤ 0.45
▼ IGP 06N60T	SP000095766	P-TO220-3-1	600	6	88	≤ 1.70
IGP 10N60T	SP000016446	P-TO220-3-1	600	10	187	≤ 0.80
▼ IGP 15N60T	SP000095767	P-TO220-3-1	600	15	130	≤ 1.15
IGP 30N60T	SP000054923	P-TO220-3-1	600	30	333	≤ 0.45
IGP 50N60T	SP000054924	P-TO220-3-1	600	50	333	≤ 0.45
IGW 30N60T	SP000054925	P-TO247-3-1	600	30	333	≤ 0.45
IGW 50N60T	SP000054926	P-TO247-3-1	600	50	333	≤ 0.45
IGW 75N60T	SP000054927	P-TO247-3-1	600	75	428	≤ 0.35

IGBT Power Transistors TrenchStop 1200 V

IGW 08T120	SP000013937	P-TO247-3-1	1200	8	70	≤ 1.70
IGW 15T120	SP000013888	P-TO247-3-1	1200	15	110	≤ 1.10
IGW 25T120	SP000013887	P-TO247-3-1	1200	25	190	≤ 0.65
IGW 40T120	SP000013886	P-TO247-3-1	1200	40	270	≤ 0.45
IGW 60T120	SP000013906	P-TO247-3-1	1200	60	375	≤ 0.33

IGBT Power Transistors TrenchStop DuoPack™ (IGBT + EmCon™ Diode) 600 V

▼ IKA 06N60T	SP000215375	PG-TO220-3-1	600	6	28	≤ 5.30
▼ IKA 10N60T	SP000215376	PG-TO220-3-1	600	10	30	≤ 5.00
▼ IKA 15N60T	SP000215377	PG-TO220-3-1	600	15	36	≤ 4.20
IKB 06N60T	SP000014954	P-TO263-3-2	600	6	88	≤ 1.70
IKB 10N60T	SP000014833	P-TO263-3-2	600	10	110	≤ 1.35
IKB 15N60T	SP000054882	P-TO263-3-2	600	15	130	≤ 1.15
IKB 20N60T	SP000054883	P-TO263-3-2	600	20	166	≤ 0.90
IKP 04N60T	SP000054884	P-TO220-3-1	600	4	42	≤ 3.50
IKP 06N60T	SP000014953	P-TO220-3-1	600	6	88	≤ 1.70
IKP 10N60T	SP000014753	P-TO220-3-1	600	10	110	≤ 1.35
▼ IKP 15N60T	SP000095768	P-TO220-3-1	600	15	130	≤ 1.15
IKP 20N60T	SP000054885	P-TO220-3-1	600	20	166	≤ 0.90
IKW 20N60T	SP000054886	P-TO247-3-1	600	20	166	≤ 0.90
IKW 30N60T	SP000054887	P-TO247-3-1	600	30	187	≤ 0.80
IKW 50N60T	SP000054888	P-TO247-3-1	600	50	333	≤ 0.45
IKW 75N60T	SP000054889	P-TO247-3-1	600	75	428	≤ 0.35

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{CE} V	I_C A	P_{tot} W	R_{thJC} K/W

Power Transistors

IGBT Power Transistors

TrenchStop DuoPack™ (IGBT + EmCon™ Diode) 1200 V

IHP 10T120	SP000014951	P-TO220-3-1	1200	10	138	≤ 0.90
IHW 15T120	SP000014892	P-TO247-3-1	1200	15	113	≤ 1.10
IHW 20T120	SP000014881	P-TO247-3-1	1200	20	178	≤ 0.70
IHW 40T120	SP000014893	P-TO247-3-1	1200	40	270	≤ 0.45
IKW 08T120	SP000013885	P-TO247-3-1	1200	8	70	≤ 1.70
IKW 15T120	SP000013938	P-TO247-3-1	1200	15	110	≤ 1.10
IKW 25T120	SP000013939	P-TO247-3-1	1200	25	190	≤ 0.65
IKW 40T120	SP000013940	P-TO247-3-1	1200	40	270	≤ 0.45

TrenchStop DuoPack™ (IGBT + EmCon™ Diode) for induction cooking 600 V

▼ IHW 30N60T	SP000076306	P-TO247-3-1	600	30	187	≤ 0.80
▼ IHW 40N60T	SP000076321	P-TO247-3-1	600	40	303	≤ 0.49

TrenchStop DuoPack™ (IGBT + EmCon™ Diode) for induction cooking 900 V

▼ IHW 30N90R	SP000209140	P-TO247-3-1	900	30	428	≤ 0.35
▼ IHW 30N90T	SP000076322	P-TO247-3-1	900	30	428	≤ 0.35

TrenchStop DuoPack™ (IGBT + EmCon™ Diode) for induction cooking 1000 V

▼ IHW 30N100R	SP000212224	PG-TO247-3-21	1000	30	412	≤ 0.36
▼ IHW 30N100T	SP000086713	PG-TO247-3-21	1000	30	412	≤ 0.36

TrenchStop DuoPack™ (IGBT + EmCon™ Diode) for induction cooking 1200 V

▼ IHW 15N120R	SP000080229	PG-TO247-3-21	1200	15	357	≤ 0.52
▼ IHW 15N120R2	SP000212014	PG-TO247-3-21	1200	15	357	≤ 0.52
▼ IHW 20N120R	SP000076323	PG-TO247-3-21	1200	20	357	≤ 0.42
▼ IHW 20N120R2	SP000212015	PG-TO247-3-21	1200	20	330	≤ 0.45
▼ IHW 30N120R	SP000076324	PG-TO247-3-21	1200	30	395	≤ 0.38
▼ IHW 30N120R2	SP000212017	PG-TO247-3-21	1200	30	390	≤ 0.38

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			V_{RRM} V	I_F A	V_F V	T_{jmax} °C

Power Diodes

EmCon™ Diodes 600 V

IDB 06E60	SP000014039	P-TO220-3-45	600	6	1.45	175
IDB 09E60	SP000013914	P-TO220-3-45	600	9	1.45	175
IDB 15E60	SP000014044	P-TO220-3-45	600	15	1.45	175
IDB 23E60	SP000014046	P-TO220-3-45	600	23	1.45	175
IDB 30E60	SP000013917	P-TO220-3-45	600	30	1.45	175
IDB 45E60	SP000013635	P-TO220-3-45	600	45	1.45	175
IDD 03E60	SP000013632	P-TO252-3-1	600	3	1.45	175
IDD 06E60	SP000013633	P-TO252-3-1	600	6	1.45	175
▼ IDD 06E60	SP000077586	PG-TO252-3-1	600	6	1.45	175
IDD 09E60	SP000013634	P-TO252-3-1	600	9	1.45	175
IDD 15E60	SP000013915	P-TO252-3-1	600	15	1.45	175
▼ IDD 15E60	SP000077587	PG-TO252-3-1	600	15	1.45	175
IDD 23E60	SP000013916	P-TO252-3-1	600	23	1.45	175
▼ IDD 23E60	SP000077588	P-TO252-3-1	600	23	1.45	175
IDP 06E60	SP000014040	P-TO220-2-2	600	6	1.45	175
IDP 09E60	SP000014043	P-TO220-2-2	600	9	1.45	175
IDP 15E60	SP000014045	P-TO220-2-2	600	15	1.45	175
IDP 23E60	SP000014047	P-TO220-2-2	600	23	1.45	175
IDP 30E60	SP000014048	P-TO220-2-2	600	30	1.45	175
IDP 45E60	SP000013797	P-TO220-2-2	600	45	1.45	175
▼ IDW 75E60	SP000227824	PG-TO247-3-1	600	75	1.45	175
▼ IDW 100E60	SP000227825	PG-TO247-3-1	600	100	1.45	175

EmCon™ Diodes 1200 V

IDB 04E120	SP000013639	P-TO220-3-45	1200	4	1.65	150
IDB 09E120	SP000013918	P-TO220-3-45	1200	9	1.65	150
IDB 12E120	SP000013640	P-TO220-3-45	1200	12	1.65	150
IDB 18E120	SP000013919	P-TO220-3-45	1200	18	1.65	150
IDB 30E120	SP000013641	P-TO220-3-45	1200	30	1.65	150
IDP 04E120	SP000013798	P-TO220-2-2	1200	4	1.65	150
IDP 09E120	SP000014041	P-TO220-2-2	1200	9	1.65	150
IDP 12E120	SP000013799	P-TO220-2-2	1200	12	1.65	150
IDP 18E120	SP000014042	P-TO220-2-2	1200	18	1.65	150
IDP 30E120	SP000013800	P-TO220-2-2	1200	30	1.65	150

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data		
			V_{RR}	I_{FR}	t
			V	A	ns

Power Diodes

Fast-Recovery Epitaxial Diodes (FRED)

▼ BYP 303	SP000011384	P-TO218-2-1	1200	60	150
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Type	Ordering Code	Package	Data		
			V_{RRm}	I_F	Q_C
			V	A	ns

Silicon Carbide Ultrafast Schottky Diodes thinQ!TM 300 V

SDB 20S30	SP000013514	P-TO220-3-45	300	2 x 10	23
SDP 10S30	SP000013359	P-TO220-3-1	300	10	23
SDP 20S30	SP000013625	P-TO220-3-1	300	2 x 10	23
SDT 10S30	SP000013824	P-TO220-2-2	300	10	23

Silicon Carbide Ultrafast Schottky Diodes thinQ!TM 600 V

SDB 06S60	SP000013624	P-TO220-3-45	600	6	21
SDD 04S60	SP000013515	P-TO252-3-1	600	4	13
▼ SDD 04S60	SP000077602	PG-TO252-3-1	600	4	13
SDP 04S60	SP000013358	P-TO220-3-1	600	4	13
SDP 06S60	SP000013357	P-TO220-3-1	600	6	21
SDT 04S60	SP000013822	P-TO220-2-2	600	4	13
SDT 05S60	SP000014671	P-TO220-2-2	600	5	14
SDT 06S60	SP000013823	P-TO220-2-2	600	6	21
SDT 08S60	SP000014897	P-TO220-2-2	600	8	24
SDT 10S60	SP000014896	P-TO220-2-2	600	10	29
SDT 12S60	SP000013825	P-TO220-2-2	600	12	30

Silicon Carbide Ultrafast Schottky Diodes thinQ!TM 2nd Generation 600 V

▼ IDD 04S60C	SP000080224	PG-TO252-3-1	600	4	8
▼ IDT 04S60C	SP000080225	P-TO220-3-1	600	4	8
▼ IDT 05S60C	SP000096441	P-TO220-3-1	600	5	12
▼ IDT 06S60C	SP000096442	P-TO220-3-1	600	6	15
▼ IDT 08S60C	SP000080226	P-TO220-3-1	600	8	19
▼ IDT 10S60C	SP000096443	P-TO220-3-1	600	2 x 5	24
▼ IDT 12S60C	SP000096444	P-TO220-3-1	600	2 x 6	30
▼ IDT 16S60C	SP000080227	P-TO220-3-1	600	2 x 8	38

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data		
			V_{DS} V	$I_{L-ISO-Norm}$ A	$R_{DS(on)}$ mΩ

Smart Low Side Switches

TEMPFET®

N-Channel Enhancement Types

BTS 110	SP000011184	P-TO220-3-1	100	1.75	200
▼ BTS 110 E-3045A	SP000011183	P-TO220-3-45	100	1.75	200
BTS 112A	SP000011185	P-TO220-3-1	60	2.5	150
▼ BTS 112A E-3045A	SP000011186	P-TO220-3-45	60	2.5	150
BTS 114A	SP000011191	P-TO220-3-1	50	3.8	100
▼ BTS 114A E-3045A	SP000011192	P-TO220-3-45	50	3.8	100
BTS 129	SP000011202	P-TO220-3-1	60	7.5	50
▼ BTS 129 E-3045A	SP000011203	P-TO220-3-45	60	7.5	50
BTS 240A	SP000011223	P-TO218-3-1	50	21	50

N-Channel Enhancement Types (Logic Level)

BTS 113A	SP000011187	P-TO220-3-1	60	2.2	170
BTS 113A E-3045A	SP000011188	P-TO220-3-45	60	2.2	170
▼ BTS 113A E-3064	SP000011189	P-TO220-3-64	60	2.2	170
BTS 115A	SP000011193	P-TO220-3-1	50	3.2	120
▼ BTS 115A E-3045A	SP000011194	P-TO220-3-45	50	3.2	120
BTS 121A	SP000011200	P-TO220-3-1	100	3.5	100
BTS 121A E-3045A	SP000011201	P-TO220-3-45	100	3.5	100
BTS 131	SP000011204	P-TO220-3-1	50	6.5	60
BTS 131 E-3045A	SP000011206	P-TO220-3-45	50	6.5	60
▼ BTS 132 E-3045A	SP000011210	P-TO220-3-45	60	6.0	65
▼ BTS 132 E-3064	SP000011209	P-TO220-3-64	60	6.0	65
▼ BTS 132 E-3129	SP000011208	P-TO220-3-129	60	6.0	65

SPEED TEMPFET®

N-Channel Enhancement Types

BTS 244Z	SP000012177	P-TO220-5-3	55	19	18
▼ BTS 244Z E-3043	SP000012178	P-TO220-5-43	55	19	18
BTS 244Z E-3062A	SP000012180	P-TO220-5-62	55	19	18
BTS 247Z	SP000012184	P-TO220-5-3	55	26	13
▼ BTS 247Z E-3043	SP000012185	P-TO220-5-43	55	26	13
BTS 247Z E-3062A	SP000012187	P-TO220-5-62	55	26	13
BTS 282Z	SP000012356	P-TO220-7-3	49	36	6.5
BTS 282Z E-3180A	SP000012360	P-TO220-7-180	49	36	6.5
▼ BTS 282Z E-3230	SP000012357	P-TO220-7-230	49	36	6.5

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data		
			V_{DS} V	$I_{L-ISO-Norm}$ A	$R_{DS(on)}$ mΩ

Smart Low Side Switches

HITFET®

BSP 75N	SP000013690	SOT223	> 60	0.7	550
▼ BSP 75N E-6327	SP000013689	SOT223	> 60	0.7	550
BSP 76 E-6327	SP000011146	SOT223	> 42	1.4	200
BSP 77 E-6327	SP000011150	SOT223	> 42	2.17	100
BSP 78 E-6327	SP000011155	SOT223	> 42	3.0	50
BTS 117	SP000011195	P-TO220-3-1	> 60	3.5	100
▼ BTS 117 E-3044A	SP000011198	P-TO220-3-44	> 60	3.5	100
BTS 117 E-3045A	SP000011197	P-TO220-3-45	> 60	3.5	100
BTS 118D	SP000011199	P-TO252-3-11	> 42	2.4	100
BTS 133	SP000011211	P-TO220-3-1	> 60	7	50
BTS 133 E-3045A	SP000011213	P-TO220-3-45	> 60	7	50
BTS 133 E-3064	SP000011212	P-TO220-3-45	> 60	7	50
BTS 134D	SP000011216	P-TO252-3-1	> 42	3.5	50
BTS 141	SP000011218	P-TO220-3-1	> 60	12	28
BTS 141 E-3045A	SP000011219	P-TO220-3-45	> 60	12	28
▼ BTS 141 E-3064	SP000011220	P-TO220-3-64	> 60	12	28
BTS 142D	SP000012175	P-TO252-3-1	> 42	4.6	28
BTS 3110N	SP000013948	SOT223	> 42	1.4	200
BTS 3118D	SP000013725	P-TO252--3-1	> 42	2.4	100
▼ BTS 3118N	SP000013724	SOT223	> 42	2.4	100
BTS 3134D	SP000013759	P-TO252-3-1	> 42	3.5	50
BTS 3134N	SP000013758	SOT223	> 42	3.5	50
BTS 3142D	SP000013760	P-TO252-3-1	> 42	4.6	28
BTS 3207N	SP000054875	SOT223	> 42	0.64	500
BTS 3408G (Dual)	SP000014072	P-DSO-8-3	> 60	1.0	2 x 550
▼ BTS 3410G (Dual)	SP000014334	P-DSO-8-3	> 42	1.3	2 x 200

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Description
Smart Low Side Switches			
Multichannel HITFET®			
TLE 4226G	SP000011756	P-DSO-24-3	6-fold low-side switch, 2 × 0.5 A, 4 × 50 mA
TLE 6214L	SP000014123	P-DSO-12-2	Dual current sense switch with SPI, 2 × 5 A
TLE 6215G	SP000013649	P-DSO-24-3	Two channel low-side switch, 2 × 4 A
TLE 6216G	SP000013652	P-DSO-20-12	Quad channel low-side switch, 2 × 5 A, 2 × 3 A
TLE 6217G	SP000013947	P-DSO-20-12	
TLE 6220GP	SP000011903	P-DSO-20-10	Quad channel low-side switch, 4 × 3 A
TLE 6225G	SP000012168	P-DSO-20-6	Quad channel low-side switch, 4 × 0.5 A
TLE 6228GP	SP000012154	P-DSO-20-10	Quad channel low-side switch, 2 × 5 A, 2 × 3 A
TLE 6230GP	SP000012169	P-DSO-36-10	Octal low-side switch, 8 × 1 A
TLE 6232GP	SP000012541	P-DSO-36-12	Six channel low-side switch, 4 × 3 A, 2 × 1.5 A
TLE 6236G	SP000012767	P-DSO-28-1	Octal channel low-side switch with SPI, 8 × 0.5 A
TLE 6237G	SP000014095	P-DSO-28-1	Octal channel low-side switch with SPI, 8 × 0.5 A
TLE 6240GP	SP000012171	P-DSO-36-10	16-fold low-side switch, 8 × 1 A, 8 × 3 A
TLE 6244X	SP000013785	P-MQFP-64-10	18-channel low-side switch with SPI, 2 × 3.0 A, 12 × 2.2 A, 4 × 1.1 A
TLE 6288R	SP000013727	P-DSO-36-10	6-channel low-side switch with SPI, 3-channel high side with adjustable P&H current control, 3-channel high/low side configurable
▼ TLE 7230G	SP000067169	P-DSO-24-3	SPI driver for enhanced relay control (SPIDER) 8-channel low side switch, tape & reel
▼ TLE 7230R	SP000067170	P-DSO-36-16	Smart octal low side switch, power, with SPI, tape & reel
▼ TLE 7232G	SP000089034	P-DSO-24-3	SPI driver for enhanced relay control (SPIDER) 8-channel low side switch, tape & reel

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data		
			V_{DS} V	$I_{L-ISO-Norm}$ A	$R_{DS(on)}$ mΩ

Smart High Side Switches

PROFET® (for automotive applications)

BTS 307 E-3043	SP000011224	P-TO220-5-43	> 65	1.7	250
BTS 307 E-3062A	SP000011225	P-TO220-5-62	> 65	1.7	250
▼ BTS 308 E-3043	SP000011226	P-TO220-5-43	> 60	1.7	250
BTS 308 E-3062A	SP000011227	P-TO220-5-62	> 60	1.3	300
BTS 409L1	SP000011229	P-TO220-5-3	> 40	3.5	100
BTS 409L1 E-3043	SP000011230	P-TO220-5-43	> 40	2.3	200
▼ BTS 409L1 E-3062A	SP000011232	P-TO220-5-62	> 40	2.3	200
BTS 410E2	SP000011233	P-TO220-5-3	> 60	1.8	220
BTS 410E2 E-3043	SP000011234	P-TO220-5-43	> 60	1.8	220
BTS 410E2 E-3062A	SP000011235	P-TO220-5-62	> 60	1.8	220
BTS 410F2	SP000011236	P-TO220-5-3	> 60	1.8	220
BTS 410F2 E-3043	SP000011237	P-TO220-5-43	> 60	1.8	220
BTS 410F2 E-3062A	SP000016371	P-TO220-5-62	> 60	1.8	220
BTS 426L1	SP000011242	P-TO220-5-3	> 40	5.9	60
BTS 426L1 E-3043	SP000011243	P-TO220-5-43	> 40	5.9	60
BTS 426L1 E-3062A	SP000011244	P-TO220-5-62	> 40	5.9	60
BTS 428L2	SP000012188	P-TO252-3-1	> 40	7.0	60
BTS 432E2	SP000011248	P-TO220-5-3	> 60	11	38
BTS 432E2 E-3043	SP000011250	P-TO220-5-43	> 60	11	38
BTS 432E2 E-3062A	SP000011253	P-TO220-5-62	> 60	11	38
BTS 436L2	SP000011255	P-TO220-5-11	> 40	9.8	38
BTS 436L2G	SP000011257	P-TO263-5-2	> 40	9.8	38
BTS 436L2S	SP000011256	P-TO220-5-12	> 40	9.8	38
BTS 441RG	SP000013386	P-TO263-5-2	> 41	21	20
BTS 441RS	SP000013384	P-TO220-5-12	> 41	21	20
BTS 441T	SP000011258	P-TO220-5-11	> 40	21	20
BTS 441TG	SP000012295	P-TO263-5-2	> 40	21	20
BTS 441TS	SP000011259	P-TO220-5-12	> 40	21	20
BTS 442E2	SP000011260	P-TO220-5-3	> 60	21	20
BTS 442E2 E-3043	SP000011261	P-TO220-5-43	> 60	21	20
BTS 442E2 E-3062A	SP000011263	P-TO220-5-62	> 60	21	20
BTS 640S2	SP000011283	P-TO220-7-11	> 40	12.6	30
BTS 640S2G	SP000011284	P-TO263-7-2	> 40	12.6	30
BTS 640S2S	SP000011285	P-TO220-7-12	> 40	12.6	30
BTS 650P	SP000011287	P-TO220-7-3	> 42	60	6.6
BTS 650P E-3180A	SP000011289	P-TO220-7-180	> 42	60	6.6
▼ BTS 650P E-3230	SP000011292	P-TO220-7-230	> 42	60	6.6

PROFET® (for industrial applications)

▼ ITS 410E2	SP000221219	P-TO220-5-3	> 60	1.8	220
▼ ITS 410E2 E-3043	SP000221227	P-TO220-5-43	> 60	1.8	220
▼ ITS 428L2	SP000221220	P-TO252-3-1	> 40	7.0	60
▼ ITS 436L2	SP000221231	P-TO220-5-11	> 40	9.8	38
▼ ITS 436L2S	SP000221232	P-TO220-5-12	> 40	9.8	38
▼ ITS 640S2	SP000221217	P-TO220-7-11	> 40	12.6	30
▼ ITS 640S2S	SP000221225	P-TO220-7-12	> 40	12.6	30

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data		
			V_{DS} V	$I_{L-ISO-Norm}$ A	$R_{DS(on)}$ mΩ

Smart High Side Switches

High Current PROFET®

BTS 443P	SP000012530	P-TO252-5-1	> 36	25	16
BTS 550P E-3146	SP000011264	P-TO218-5-146	> 40	115	3.6
▼ BTS 555	SP000011266	P-TO218-5-3	> 40	165	2.5
BTS 555 E-3146	SP000011265	P-TO218-5-146	> 40	165	2.5
BTS 660P	SP000012535	P-TO220-7-3	> 62	44	9.0
BTS 660P E-3180A	SP000012536	P-TO220-7-180	> 62	44	9.0
▼ BTS 6123B	SP000092062	P-TO220-7-180	> 38	9	10
▼ BTS 6123P	SP000092063	P-TO220-7-230	> 38	33	10
BTS 6133D	SP000014006	P-TO252-5-1	> 38	33	10
▼ BTS 6142D	SP000074866	P-TO252-5-1	> 38	27	12
BTS 6143D	SP000013143	P-TO252-5-1	> 38	33	10
BTS 6144B	SP000014073	P-TO220-7-180	> 38	37.5	9
BTS 6144P	SP000013171	P-TO220-7-230	> 38	37.5	9
BTS 6163D	SP000013196	P-TO252-5-1	> 62	17	20
BTS 6510B	SP000012532	P-TO220-7-180	> 42	70	6.0

Type	Ordering Code	Package	Data			
			$V_{bb\ op}$ V	$I_{L-ISO-Norm}$ mA	R_{ON} Ω	$I_{L\ (lin)\ min}$ mA

Mini PROFET® (for automotive applications)

BSP 452 E-6327	SP000011123	SOT223	5 ... 34	> 700	0.2	700
BSP 742R	SP000012105	P-DSO-8-6	5 ... 34	> 400	0.35	400
BSP 742RI	SP000012106	P-DSO-8-6	5 ... 34	> 400	0.35	400
BSP 742T	SP000011136	P-DSO-8-6	5 ... 34	1100	0.4	300
BSP 752R	SP000012796	P-DSO-8-6	6 ... 52	1700	0.2	600
BSP 752T	SP000012797	P-DSO-8-6	6 ... 52	1700	0.2	600
BSP 762T	SP000011148	P-DSO-8-6	5 ... 34	2400	0.1	700
BSP 772T	SP000011152	P-DSO-8-6	5 ... 34	3100	0.06	1200
BTS 452R	SP000012791	P-TO252-5-1	6 ... 52	2200	0.20	600
BTS 452T	SP000012792	P-TO252-5-1	6 ... 52	2200	0.20	600
BTS 462T	SP000012191	P-TO252-5-1	5 ... 34	4400	0.10	1000
BTS 4140N	SP000013791	SOT223	4.9 ... 60	> 200	1	700
BTS 4141D	SP000013944	P-TO252-5-1	12 ... 45	> 700	0.2	1400
BTS 4141N	SP000013942	SOT223	12 ... 45	> 700	0.2	1400
BTS 4142N	SP000013945	SOT223	12 ... 45	>1400	0.2	3000
BTS 4880R	SP000013302	P-DSO-36-12	11 ... 45	>1400	0.2	1100

Mini PROFET® (for industrial applications)

▼ ISP 452	SP000219823	SOT223	5 ... 34	> 700	0.2	700
▼ ISP 742RI	SP000221229	PG-DSO-8-6	5 ... 34	> 400	0.35	400
▼ ISP 752R	SP000219825	PG-DSO-8-6	6 ... 52	1700	0.2	600
▼ ISP 762T	SP000221228	PG-DSO-8-6	5 ... 34	2400	0.1	700
▼ ISP 772T	SP000219824	PG-DSO-8-6	5 ... 34	3100	0.06	1200

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data			
			$V_{bb\ op}$	$I_{L-ISO-Norm}$	R_{ON}	$I_{L\ (lin)\ min}$
			V	mA	Ω	mA

Smart High Side Switches

Mini PROFET® (for industrial applications) (cont'd)

▼ ITS 4141D	SP000221235	P-TO252-5-1	12 ... 45	> 700	0.2	1400
▼ ITS 4141N	SP000219536	SOT223	12 ... 45	> 700	0.2	1400
▼ ITS 4142N	SP000221218	SOT223	12 ... 45	>1400	0.2	3000
▼ ITS 4880R	SP000219527	PG-DSO-36-12	11 ... 45	>1400	0.2	1100

Type	Ordering Code	Package	Data			
			$V_{bb\ (AZ)}$	R_{ON}	$I_{L-ISO-Norm}$	$I_{L-MOS-Norm}$
			V	m Ω	A	A

Dimmer PROFET®

BTS 730	SP000011308	P-DSO-20-9	> 40	65	3.0	20
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Type	Ordering Code	Package	Data		
			$V_{bb\ (AZ)}$	$I_{L-ISO-Norm}$	R_{ON}
			V	A	m Ω

Two Channel PROFET® (for automotive applications)

BTS 5210G	SP000013631	P-DSO-14-9	> 40	3.9	2 × 70
BTS 5210L	SP000013735	P-DSO-12-2	> 40	3.9	2 × 70
BTS 5215L	SP000013737	P-DSO-12-2	> 40	7.4	2 × 45
▼ BTS 5230GS	SP000082241	P-DSO-14-18	> 28	2.1	2 × 140
▼ BTS 5231GS	SP000203741	P-DSO-14-18	> 28	1.8	2 × 140
BTS 5234G	SP000014727	P-DSO-20-9	> 40	3.3	2 × 60
BTS 5234L	SP000014704	P-DSO-12-2	> 40	3.5	2 × 60
BTS 5240G	SP000014567	P-DSO-20-9	> 40	5.9	2 × 25
BTS 5240L	SP000014002	P-DSO-12-2	> 40	6.0	2 × 25
BTS 5241G	SP000014738	P-DSO-20-9	> 40	5.9	2 × 25
BTS 5241L	SP000014643	P-DSO-12-2	> 40	6.0	2 × 25
BTS 611L1	SP000011269	P-TO220-7-3	> 40	2.3	2 × 200
BTS 611L1 E-3128A	SP000011271	P-TO220-7-128	> 40	2.3	2 × 200
▼ BTS 611L1 E-3230	SP000011270	P-TO220-7-230	> 40	2.3	2 × 200
BTS 612N1 E-3128A	SP000011274	P-TO220-7-128	> 40	2.3	2 × 200
BTS 612N1 E-3230	SP000011275	P-TO220-7-230	> 40	2.3	2 × 200
BTS 621L1	SP000011277	P-TO220-7-3	> 40	4.4	2 × 100
BTS 621L1 E-3128A	SP000011281	P-TO220-7-128	> 40	4.4	2 × 100
BTS 621L1 E-3230	SP000011278	P-TO220-7-230	> 40	4.4	2 × 100
BTS 707	SP000011296	P-DSO-20-9	> 65	2.8	2 × 250
BTS 723GW	SP000013173	P-DSO-14-9	> 62	4.2	2 × 50
BTS 726L1	SP000011305	P-DSO-20-9	> 40	4.0	2 × 60
BTS 728L2	SP000011307	P-DSO-20-9	> 40	4.0	2 × 60

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Data		
			$V_{bb(AZ)}$ V	$I_{L-ISO-Norm}$ A	R_{ON} mΩ

Smart High Side Switches

Two Channel PROFET® (for automotive applications) (cont'd)

BTS 736L2	SP000011310	P-DSO-20-9	> 40	4.8	2 × 40
BTS 840S2	SP000011324	P-DSO-20-9	> 40	12.6	2 × 30

Two Channel PROFET® (for industrial applications)

▼ ITS 612N1	SP000221233	P-TO220-7-3	> 40	2.3	2 × 200
▼ ITS 612N1 E-3230	SP000221234	P-TO220-7-230	> 40	2.3	2 × 200
▼ ITS 621L1	SP000219533	PG-TO220-7-3	> 40	2.3	2 × 200
▼ ITS 621L1 E-3230	SP000221224	P-TO220-7-230	> 40	2.3	2 × 200
▼ ITS 5215L	SP000219826	PG-DSO-12-2	> 40	7.4	2 × 45

Four Channel PROFET® (for automotive applications)

BTS 711L1	SP000011298	P-DSO-20-9	> 34	1.9	4 × 200
BTS 712N1	SP000011300	P-DSO-20-9	> 40	1.9	4 × 210
BTS 716G	SP000013190	P-DSO-20-9	> 40	2.6	4 × 140
BTS 716GB	SP000014327	P-DSO-20-9	> 40	2.6	4 × 140
BTS 721L1	SP000011301	P-DSO-20-9	> 40	2.9	4 × 100
BTS 724G	SP000013193	P-DSO-20-9	> 40	7.3	4 × 22.5
BTS 737S3	SP000014328	P-DSO-28-16	> 40	5.4	4 × 35
BTS 5434G	SP000014710	P-DSO-28-16	> 40	3.4	4 × 60
BTS 5440G	SP000014185	P-DSO-28-16	> 40	6.2	4 × 25
BTS 5441G	SP000014644	P-DSO-28-16	> 40	5.6	4 × 25
BTS 824R	SP000013628	P-DSO-20-10	> 40	17.0	4 × 90

Four Channel PROFET® (for industrial applications)

▼ ITS 711L1	SP000219532	PG-DSO-20-9	> 34	1.9	4 × 200
▼ ITS 716G	SP000219534	PG-DSO-20-9	> 40	2.6	4 × 140
▼ ITS 724G	SP000219835	PG-DSO-20-9	> 40	7.3	4 × 22.5

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Description
Smart Power Bridges			
Stepper Motor Drivers			
TCA 3727	SP000011713	P-DIP-20-3	Stepper motor driver, 2-phase motor, 2 × 1 A / 50 V
TCA 3727G	SP000011714	P-DSO-24-3	
TLE 4726G	SP000011863	P-DSO-24-3	
TLE 4727	SP000011864	P-DIP-20-3	Stepper motor driver, 2-phase motor, 2 × 1 A / 45 V
TLE 4728G	SP000011865	P-DSO-24-3	
TLE 4729G	SP000011867	P-DSO-24-3	Stepper motor driver, 2-phase with low quiescent current, 2 × 1 A / 45 V
DC Motor Bridges			
BTS 7700G	SP000012368	P-DSO-28-16	TrilithiC™, bridge or quad driver, 8 A, status, tape & reel
BTS 7710G	SP000012774	P-DSO-28-16	TrilithiC™, bridge or quad driver, 12 A, status, tape & reel
BTS 7710GP	SP000012778	P-TO263-15-1	TrilithiC™, bridge or quad driver, 12 A, status, PowerPak, tape & reel
BTS 7740G	SP000012371	P-DSO-28-16	TrilithiC™, bridge or quad driver, 8 A, status, short circuit protection; tape & reel
BTS 7741G	SP000013912	P-DSO-28-16	
BTS 7750G	SP000012779	P-DSO-28-16	TrilithiC™, bridge or quad driver, 12 A, status, short circuit protection, tape & reel
BTS 7750GP	SP000012780	P-TO263-15-1	TrilithiC™, bridge or quad driver, 12 A, status, PowerPak, tape & reel
BTS 7751G	SP000014077	P-DSO-28-16	TrilithiC™, bridge or quad driver, 12 A, status, short circuit protection, tape & reel
BTS 7810K	SP000014521	P-TO263-15-1	TrilithiC™, bridge or quad driver, 42 A, status, PowerPak, tape & reel
▼ BTS 7930B	SP000065799	P-TO263-7-6	28 mΩ NovalithiC™, high current PN half bridge driver, 18 A, status, tape & reel
▼ BTS 7960B	SP000014711	P-TO263-7-6	16 mΩ NovalithiC™, high current PN half bridge driver, 43 A, status, tape & reel
▼ BTS 7960P	SP000053907	P-TO220-7-1	16 mΩ NovalithiC™, high current PN half bridge driver, 43 A, status, tube
TLE 4205	SP000011746	P-DIP-18-3	Power bridges for DC-motor control, 1 A / 32 V, tube
TLE 4205G	SP000011747	P-DSO-20-6	Power bridges for DC-motor control, 1 A / 32 V, tape & reel
TLE 4206G	SP000011748	P-DSO-14-4	DC-motor driver for servo driver 1 A / 18 V, tape & reel
TLE 4207G	SP000011750	P-DSO-14-4	Dual half bridge driver, 2 × 1 A / 18 V, tape & reel
TLE 4208G	SP000012143	P-DSO-28-6	Quad half bridge driver, 2 × 1 A / 18 V, tape & reel
TLE 4209A	SP000012194	P-DIP-8-4	DC-motor driver for servo driver 1 A / 18 V, tube
TLE 5205-2	SP000011886	P-TO220-7-11	Power bridges for DC-motor control, 5 A / 40 V, tube
TLE 5205-2S	SP000011887	P-TO220-7-12	
TLE 5205-2G	SP000011890	P-TO263-7-1	
TLE 5205-2GP	SP000011891	P-DSO-20-12	Power bridges for DC-motor control, 5 A / 40 V, tape & reel
TLE 5206-2	SP000011892	P-TO220-7-11	Power bridges for DC-motor control, 5 A / 40 V, tube
TLE 5206-2S	SP000011893	P-TO220-7-22	
TLE 5206-2G	SP000011894	P-TO263-7-1	Power bridges for DC-motor control, 5 A / 40 V, tape & reel
TLE 5206-2GP	SP000011895	P-DSO-20-12	
TLE 6208-3G	SP000012148	P-DSO-14-4	Triple half-bridge driver, 3 × 0.8 A / 32 V, tape & reel
TLE 6208-6G	SP000012975	P-DSO-28-6	Hex half-bridge driver / double six driver, tape & reel
TLE 6209R	SP000013299	P-DSO-20-12	Hex half-bridge driver for throttle control, 7 A, tape & reel

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Description
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Smart Power Bridges

DC Motor Bridges

(cont'd)

TLE 6281G	SP000107818	P-DSO-20-10	Half-bridge driver IC for external MOSFETs for very high currents, tape reel
TLE 6282G	SP000081973	P-DSO-20-10	Dual half-bridge driver IC for 4 external MOSFETs for very high currents, tape reel
▼ TLE 6284G	SP000083033	P-DSO-20-10	Half-bridge gate driver IC for 4 MOSFETs, short circuit protection level adjustable, tape reel
TLE 6287GP	SP000014090	P-DSO-36-10	3-phase driver IC for 6 MOSFETs in bridge configuration, tape & reel
TLE 6289GP	SP000014724	P-DSO-36-10	
TLE 7209-2R	SP000014748	P-DSO-20-12	Half-bridge driver for throttle control, 7 A, with SPI and status flag mode, tape & reel

IGBT Gate Driver ICs

(EiceDRIVER™)

▼ 2ED020I12F	SP000014669	P-DSO-18-1	Half-bridge IGBT driver IC, gate drive currents of +1A/-2A (EiceDRIVER™)
▼ 2ED020I12F	SP000107512	PG-DSO-18-1	Half-bridge IGBT driver IC (1200V), gate drive currents of +1A/-2A (EiceDRIVER™)

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Description
Voltage Regulators			
Automotive Linear			
Adj. 1.5 V, 2.6 V, 3.0 V and 3.3 V Standard Regulators			
TLE 4295G V26	SP000012503	SCT595	2.6 V, $I_{out} = 30$ mA, Reset, Power fail, tape & reel
TLE 4295G V30	SP000012502	SCT595	3 V, $I_{out} = 30$ mA, Reset, Power fail, tape & reel
TLE 4295G V33	SP000012501	SCT595	3.3 V, $I_{out} = 30$ mA, Reset, Power fail, tape & reel
TLE 4296G V30	SP000012764	SCT595	3 V, $I_{out} = 30$ mA, Inhibit, tape & reel
TLE 4296G V33	SP000012765	SCT595	3.3 V, $I_{out} = 30$ mA, Inhibit, tape & reel
TLE 4296-2G V33	SP000014332	SCT595	3.3 V, $I_{out} = 30$ mA, Inhibit, reduced quiescent current, tape & reel
TLE 4274D V33	SP000011803	P-TO252-3-1	3.3 V, $I_{out} = 400$ mA, tape & reel
TLE 4274GS V25	SP000011807	SOT223	2.5 V, $I_{out} = 400$ mA, tape & reel
TLE 4274GS V33	SP000011806	SOT223	3.3 V, $I_{out} = 400$ mA, tape & reel
TLE 4276DV	SP000012197	P-TO252-5-1	adjustable voltage, $I_{out} = 400$ mA, Inhibit, tape & reel
TLE 4276GV	SP000011824	P-TO220-5-122	adjustable voltage, $I_{out} = 400$ mA, Inhibit, tape & reel
TLE 4276SV	SP000011831	P-TO220-5-43	adjustable voltage, $I_{out} = 400$ mA, Inhibit, tube
TLE 4276V	SP000011835	P-TO220-5-3	adjustable voltage, $I_{out} = 400$ mA, Inhibit, tube
TLE 4284DV	SP000014339	P-TO252-3-11	adjustable voltage, $I_{out} = 1$ A, short circuit protected, overtemperature protected, tape & reel
▼ TLE 4284D V15	SP000089571	P-TO252-3-1	1.5 V, $I_{out} = 1$ A, short circuit protected, overtemperature protected, tape & reel
▼ TLE 4284D V18	SP000063690	P-TO252-3-1	1.8 V, $I_{out} = 1$ A, short circuit protected, overtemperature protected, tape & reel
▼ TLE 4284D V26	SP000054076	P-TO252-3-1	2.6 V, $I_{out} = 1$ A, short circuit protected, overtemperature protected, tape & reel
TLE 4284D V33	SP000014340	P-TO252-3-1	3.3 V, $I_{out} = 1$ A, short circuit protected, overtemperature protected, tape & reel

5 V Standard Regulators (≤ 200 mA output current)

TLE 4285G	SP000011850	SCT595	5 V, $I_{out} = 15$ mA, Power fail, tape & reel
TLE 4286G	SP000011851	SCT595	5 V, $I_{out} = 15$ mA, Inhibit, tape & reel
TLE 4295G V50	SP000012500	SCT595	5 V, $I_{out} = 30$ mA, Reset, Power fail, tape & reel
TLE 4296G V50	SP000012766	SCT595	5 V, $I_{out} = 30$ mA, Inhibit, tape & reel
TLE 4296-2G V50	SP000014333	SCT595	5 V, $I_{out} = 30$ mA, Inhibit, reduced quiescent current, tape & reel
TLE 4264G	SP000011765	SOT223	5 V, $I_{out} = 150$ mA, tape & reel
TLE 4266G	SP000011768	SOT223	5 V, $I_{out} = 150$ mA, Inhibit, tape & reel
TLE 4269G	SP000011784	P-DSO-8-3	5 V, $I_{out} = 150$ mA, Reset, early warning, tape & reel
TLE 4269GL	SP000011789	P-DSO-20-17	
TLE 4269GM	SP000011790	P-DSO-14-8	
TLE 4279G	SP000011840	P-DSO-8-3	5 V, $I_{out} = 150$ mA, Reset, early warning, tape & reel
▼ TLE 4279GM	SP000011845	P-DSO-14-8	
TLE 4278G	SP000011838	P-DSO-14-8	5 V, $I_{out} = 160$ mA, Reset, Watchdog, tape & reel
TLE 4262G	SP000011760	P-DSO-20-6	5 V, $I_{out} = 200$ mA, Reset, Inhibit, tape & reel
TLE 4262GM	SP000012365	P-DSO-14-8	
TLE 4263G	SP000011762	P-DSO-20-6	5 V, $I_{out} = 200$ mA, Reset, Inhibit, Watchdog, tape & reel
TLE 4263GM	SP000012367	P-DSO-14-4	
TLE 4263GS	SP000014278	P-DSO-8-3	
TLE 4268G	SP000011777	P-DSO-20-17	5 V, $I_{out} = 180$ mA, Reset, Watchdog, tape & reel
TLE 4268GS	SP000011781	P-DSO-8-3	

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Description
Voltage Regulators			
Automotive Linear			
5 V Standard Regulators (> 200 mA output current)			
TLE 4287G	SP000011854	P-DSO-14-8	5 V, $I_{out} = 250$ mA, Reset, Inhibit, tape & reel
▼ TLE 4267G	SP000011774	P-TO220-7-4	5 V, $I_{out} = 400$ mA, Reset, Inhibit, tape & reel
TLE 4267GM	SP000012506	P-DSO-14-8	
TLE 4267	SP000012167	P-TO220-7-3	5 V, $I_{out} = 400$ mA, Reset, Inhibit, tube
TLE 4267S	SP000011771	P-TO220-7-230	
TLE 4274 V50	SP000011809	P-TO220-3-1	5 V, $I_{out} = 400$ mA, tube
▼ TLE 4274D V50	SP000011801	P-TO252-3-11	5 V, $I_{out} = 400$ mA, tape & reel
▼ TLE 4274GV	SP000089303	P-TO263-3-1	
TLE 4274G V50	SP000011796	P-TO263-3-1	
TLE 4276D V50	SP000012198	P-TO252-5-1	5 V, $I_{out} = 400$ mA, Inhibit, tape & reel
TLE 4276G V50	SP000011821	P-TO220-5-122	
TLE 4276S V50	SP000011829	P-TO220-5-43	5 V, $I_{out} = 400$ mA, Inhibit, tube
TLE 4275	SP000011814	P-TO220-5-11	5 V, $I_{out} = 450$ mA, Reset, tube
TLE 4275S	SP000011815	P-TO220-5-12	
TLE 4275D	SP000012151	P-TO252-5-1	5 V, $I_{out} = 450$ mA, Reset, tape & reel
TLE 4275G	SP000011818	P-TO263-5-1	
TLE 4276 V50	SP000011832	P-TO220-5-3	5 V, $I_{out} = 400$ mA, Inhibit, tube
TLE 4290D	SP000012762	P-TO252-5-1	5 V, $I_{out} = 450$ mA, Power Good, tape & reel
TLE 4290G	SP000012763	P-TO263-5-1	
TLE 4270	SP000011792	P-TO220-5-11	5 V, $I_{out} = 600$ mA, Reset, tube
TLE 4270S	SP000011793	P-TO220-5-12	
TLE 4270D	SP000012195	P-TO252-5-1	5 V, $I_{out} = 600$ mA, Reset, tape & reel
TLE 4270G	SP000011794	P-TO263-5-1	
TLE 4271-2	SP000013201	P-TO220-7-11	5 V, $I_{out} = 600$ mA, Reset, Inhibit, Watchdog, tube
TLE 4271-2S	SP000013202	P-TO220-7-12	
TLE 4271-2G	SP000013203	P-TO263-7-1	5 V, $I_{out} = 600$ mA, Reset, Inhibit, Watchdog, tape & reel
TLE 4284D V50	SP000017633	P-TO252-3-1	5 V, $I_{out} = 1$ A, short circuit protected, overtemperature protected, tape & reel

8.5 V and 10 V Standard Regulators

TLE 4266GS V10	SP000012431	SOT223	10 V, $I_{out} = 120$ mA, Inhibit, tape & reel
TLE 4274G V10	SP000011798	P-TO263-3-1	10 V, $I_{out} = 400$ mA, tape & reel
TLE 4274G V85	SP000011797	P-TO263-3-1	8.5 V, $I_{out} = 400$ mA, tape & reel
TLE 4274 V10	SP000011811	P-TO220-3-1	10 V, $I_{out} = 400$ mA, Inhibit, tube
TLE 4274 V85	SP000011810	P-TO220-3-1	8.5 V, $I_{out} = 400$ mA, tube
TLE 4276G V10	SP000011823	P-TO220-5-122	10 V, $I_{out} = 400$ mA, Inhibit, tape & reel
TLE 4276 V85	SP000011833	P-TO220-5-3	8.5 V, $I_{out} = 400$ mA, Inhibit, tube
TLE 4276S V85	SP000011830	P-TO220-5-43	
TLE 4276 V10	SP000011834	P-TO220-5-3	10 V, $I_{out} = 400$ mA, Inhibit, tube
TLE 4276G V85	SP000011822	P-TO220-5-122	8.5 V, $I_{out} = 400$ mA, Inhibit, tape & reel

2.6 V, 3.0 V and 3.3 V Ultra Low Quiescent Regulators

TLE 4266-2GS V33	SP000013992	SOT223	3.3 V, $I_{out} = 150$ mA, Inhibit, reduced quiescent current, tape & reel
TLE 4299GM V33	SP000056991	P-DSO-14-8	3.3 V, $I_{out} = 150$ mA, Inhibit, early warning, tape & reel
▼ TLE 4299G V33	SP000056992	P-DSO-8-3	
▼ TLE 7273 V26	SP000067153	P-DSO-14-4	2.6 V, $I_{out} = 200$ mA, Reset, Inhibit, Watchdog, tape & reel
▼ TLE 7273 V33	SP000067154	P-DSO-14-4	3.3 V, $I_{out} = 200$ mA, Reset, Inhibit, Watchdog, tape & reel

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Description
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Voltage Regulators

Automotive Linear

5 V Ultra Low Quiescent Current Regulators

▼ TLE 4264-2G	SP000013989	SOT223	5 V, $I_{out} = 150$ mA, tape & reel
TLE 4266-2G	SP000013991	SOT223	5 V, $I_{out} = 150$ mA, Inhibit, tape & reel
TLE 4299G	SP000012770	P-DSO-8-3	5 V, $I_{out} = 150$ mA, Reset, early warning, tape & reel
TLE 4299GM	SP000013145	P-DSO-14-8	5 V, $I_{out} = 150$ mA, Reset, Inhibit, early warning, tape & reel
TLE 7270D	SP000014700	P-TO252-5-1	5 V, $I_{out} = 300$ mA, Reset, tape & reel
TLE 7270G	SP000055309	P-TO263-5-1	
TLE 7272D	SP000055847	P-TO252-5-1	5 V, $I_{out} = 300$ mA, Reset, Inhibit, tape & reel
TLE 7272G	SP000055848	P-TO263-5-1	
▼ TLE 7273 V50	SP000067155	P-DSO-14-4	5 V, $I_{out} = 200$ mA, Reset, Inhibit, Watchdog, tape & reel
TLE 7274D	SP000055849	P-TO252-5-1	5 V, $I_{out} = 300$ mA, tape & reel
TLE 7274G	SP000055850	P-TO263-3-1	
TLE 7276D	SP000055851	P-TO252-5-1	5 V, $I_{out} = 300$ mA, Inhibit, tape & reel
TLE 7276G	SP000055852	P-TO263-5-1	

Multiple Regulators

TLE 4470G	SP000011856	P-DSO-20-6	5 V + 5 V, $I_{out} = 180$ mA/350 mA, Reset, early warning, tape & reel
TLE 4470GS	SP000011861	P-DSO-14-4	5 V + adj. voltage, $I_{out} = 180$ mA/350 mA, Reset, early warning, tape & reel
TLE 4471G	SP000013144	P-DSO-20-12	5 V + 5 V + 5 V, 2 tracked outputs 100/50 mA, Reset, Watchdog tape & reel
TLE 4473G V52	SP000014119	P-DSO-12-6	5 V + 2.6 V, $I_{out} = 180$ mA/300 mA, Watchdog, tape & reel
TLE 4473G V53	SP000014118	P-DSO-12-6	5 V + 3.3 V, $I_{out} = 180$ mA/300 mA, Watchdog, tape & reel
TLE 4473G V55	SP000014117	P-DSO-12-4	5 V + 5 V, $I_{out} = 190$ mA/300 mA, Reset, Inhibit, Watchdog, tape & reel
TLE 4476D	SP000012771	P-TO252-5-1	5 V + 3.3 V, $I_{out} = 350$ mA/430 mA, tape & reel
TLE 7469GV52	SP000014191	P-DSO-12-4	5 V + 2.6 V, $I_{out} = 300$ mA/320 mA, Inhibit, Reset, Watchdog, tape & reel
TLE 7469GV53	SP000017740	P-DSO-12-4	5 V + 3.3 V, $I_{out} = 300$ mA/320 mA, Inhibit, Reset, Watchdog, tape & reel

Voltage Tracker

TLE 4250G	SP000012163	SCT595	adj. voltage, $I_{out} = 50$ mA, Inhibit, tape & reel
TLE 4252D	SP000014642	P-TO252-5-1	adj. voltage, $I_{out} = 250$ mA, Inhibit, tape & reel
TLE 4251D	SP000013042	P-TO252-5-1	adj. voltage, $I_{out} = 400$ mA, Inhibit, tape & reel
TLE 4251G	SP000013761	P-TO263-5-1	

LED Driver ICs

TLE 4240G	SP000013618	SCT595	Lowdrop LED driver, 60 mA current output, tape & reel
TLE 4241GM	SP000014624	P-DSO-8-9	Lowdrop LED driver, with adjustable current output, tape & reel
TLE 4242G	SP000014456	P-TO263-7-1	Lowdrop LED driver, with adjustable current output up to 500 mA, tape & reel

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Description
Voltage Regulators			
Industrial Linear			
TLE 4305G	SP000011855	P-DSO-8-1	High precision bipolar regulator, breakdown voltage up to 45 V, tape & reel
TLE 4307D V33	SP000012829	P-TO252-5-1	Power charge pump and low drop voltage regulator, 3.3 V, tape & reel
TLE 4307D V38	SP000012828	P-TO252-5-1	Power charge pump and low drop voltage regulator, 3.8 V, tape & reel
TLE 4484G	SP000012507	SOT223	5 / 15 V, Dual regulator, tape & reel
▼ IFX 1117GS	SP000014584	SOT223	5 V adjustable, $I_{out} = 1.0$ A, short circuit protection, tape & reel
▼ IFX 1117GS V33	SP000014585	SOT223	3.3 V, $I_{out} = 1.0$ A, short circuit protection, tape & reel
DC/DC Converter			
TLE 6361G	SP000013297	P-DSO-36-12	32-bit μ C power supply, Buck converter, Reset, Watchdog, tape & reel
TLE 6363G	SP000014251	P-DSO-14-2	Multifunctional voltage regulator and watchdog, tape & reel
TLE 6365G	SP000013455	P-DSO-8-3	Step-down voltage regulator with reset, input voltage range 8 V to 40 V, tape & reel
▼ TLE 6368G1	SP000015046	P-DSO-36-12	32-bit μ C power supply, Buck converter, Reset, Watchdog, tape & reel
TLE 6368R	SP000014666	P-DSO-36-12	
TLE 6389GV	SP000013787	P-DSO-14-2	Buck converter with external P-channel MOSFET, adjustable output voltage, tape & reel
TLE 6389G 50	SP000015002	P-DSO-14-2	Buck converter with external P-channel MOSFET, tape & reel
TLE 6389G 50-1	SP000015001	P-DSO-14-2	Buck converter with external P-channel MOSFET, 5 V, tape & reel

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Description
Transceivers			
System Basis Chips			
TLE 6262G	SP000013837	P-DSO-28-6	System base chip (SBC) CAN-LDO with relay drivers, tape & reel
▼ TLE 6263G	SP000075505	P-DSO-28-6	System base chip (SBC) with fault tolerant CAN-transceiver, 5-V voltage regulator, wake-up inputs, Reset generator, 8-bit SPI, tape & reel
TLE 6285G	SP000065800	P-DSO-16-4	Single wire LIN-transceiver + system regulator + reset generator adjustable reset threshold, tape & reel
TLE 6286G	SP000065801	P-DSO-16-4	Single wire LIN-transceiver + system regulator, tape & reel

Stand-alone Transceivers

TLE 6250G	SP000012832	P-DSO-8-3	High speed CAN-transceiver according to ISO 11898, tape & reel
▼ TLE 6250PG	SP000055308	PG-DSO-8-3	
TLE 6250G V33	SP000013959	P-DSO-8-3	High speed CAN-transceiver according to ISO 11898, for 3.3 V microcontroller
▼ TLE 6251DS	SP000069399	P-DSO-8-3	High speed CAN-transceiver with bus wake-up, compatible to 3.3 V and 5 V logic input levels, tape & reel
TLE 6251G	SP000082094	P-DSO-14-13	High speed CAN-transceiver with bus wake-up and bus failure detection, tape & reel
TLE 6254-3G	SP000014156	P-DSO-14-13	Low speed fault tolerant CAN-transceiver according ISO 11898-3, tape & reel
TLE 6255G	SP000012141	P-DSO-14-2	Single wire CAN-transceiver, tape & reel
TLE 6258-2G	SP000014969	P-DSO-8-3	Single wire LIN-transceiver, low speed, tape & reel
▼ TLE 6259-2G	SP000014214	P-DSO-8-3	Single wire LIN-transceiver, suitable for LIN protocol, tape & reel
TLE 6266G	SP000013996	P-DSO-28-6	Fault tolerant differential CAN-transceiver with watchdog (KORMORAN II), tape & reel
▼ TLE 7259G	SP000017461	P-DSO-8-3	Enhanced LIN-transceiver with sleep mode/inhibit output, compatible to 3.3 V and 5 V logic input levels, tape & reel

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Description
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Specific Automotive ICs

Application Specific Standard Products for Restraint Systems

▼ TLE 6710Q	SP000013708	P-MQFP-64-1	Power supply communication four squib driver airbag system ICs, tape & reel
TLE 6711G	SP000012787	P-DSO-14-3	Airbag power supply ICs, tape & reel
▼ TLE 6712G	SP000013710	P-DSO-24-10	Two squib airbag firing ICs, tape & reel
▼ TLE 6714G	SP000013709	P-DSO-28-1	Quad squib airbag firing ICs, tape & reel
▼ TLE 7719T	SP000014172	P-TSSOP-28-1	Airbag satellite receiver ICs (4-channel), tape & reel
▼ TLE 7719T	SP000228426	PG-TSSOP-28-1	Airbag satellite receiver ICs (4-channel), tape & reel

Application Specific Standard Products for Vehicle Stability - Braking (ABS/ESP)

TLE 6210G B2	SP000013645	P-DSO-20-12	ABS/ASR system ICs, 5 V, 800 mA linear regulator, lamp output, tape & reel
▼ TLE 6211G-C1	SP000013647	P-DSO-20-12	ABS/ASR system ICs, 5 V, 800 mA linear regulator, inverted lamp output, tape & reel

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Description
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DC/DC Control ICs

CoreControl™

TDA 21101G	SP000013698	P-DSO-8-3	High speed single driver with bootstrapping for dual power MOSFETs, tape & reel
▼ TDA 21101G	SP000200320	PG-DSO-8-3	High speed single driver with bootstrapping for dual power MOSFETs, tape & reel
TDA 21107	SP000015138	P-DSO-8-3	High speed single driver for dual power MOSFETs, power-on OVP protection, tape & reel
TDA 21106	SP000063695	P-DSO-8-3	High speed single driver with bootstrapping for dual power MOSFETs, tape & reel
TDA 21102	SP000014699	P-DSO-14-3	High speed driver with bootstrapping for dual power MOSFETs (dual Gate Driver), tape & reel
TDA 21103	SP000015139	P-DSO-14-3	High speed driver with bootstrapping for dual power MOSFETs (dual Gate Driver), power-on OVP protection, tape & reel
TDA 21201-B7	SP000013685	P-TO263-7-2	Integrated switch (MOSFET driver and MOSFETs), tape & reel
TDA 21201-P7	SP000014081	P-TO220-7-3	Integrated switch (MOSFET driver and MOSFETs), tube
TDA 21201-S7	SP000014082	P-TO220-7-230	
TDA 21301	SP000013699	P-TSSOP-28	Multi-phase PWM controller for CPU power supply, tape & reel

Smart Lighting Control ICs

▼ ICB 1FL01G	SP000075625	PG-DSO-18-1	Smart ballast control IC for fluorescent lamp, tape & reel
▼ ICB 1FL02G	SP000204703	PG-DSO-18-1	PFC, ballast control and half-bridge driver in one IC, tape & reel

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Description
Power Control ICs			
PWM Control ICs for SMPS			
IDA 4916GG	SP000011736	P-DSO-24-1	Off-line PWM (Pulse Width Modulation) controller with very stable oscillator for high performance converters, tape & reel
▼ TDA 4916GG	SP000087991	P-DSO-24-1	
ICE 2AS01	SP000013764	P-DIP-8-4	Off-line PWM (Pulse Width Modulation) control ICs for SMPS (100 kHz fixed), tube
ICE 2AS01G	SP000013765	P-DSO-8-3	Off-line PWM (Pulse Width Modulation) control ICs for SMPS (100 kHz fixed), tape & reel
ICE 3AS02	SP000015084	PG-DIP-8-6	Off-line PWM (Pulse Width Modulation) control ICs for SMPS (100 kHz fixed) with start up cell, tube
▼ ICE 3AS02G	SP000101150	PG-DSO-8-3	Off-line PWM (Pulse Width Modulation) control ICs for SMPS (100 kHz fixed) with start up cell, tape & reel
ICE 2BS01	SP000013766	P-DIP-8-4	Off-line PWM (Pulse Width Modulation) control ICs for SMPS (67 kHz fixed), tube
ICE 2BS01G	SP000013767	P-DSO-8-3	Off-line PWM (Pulse Width Modulation) control ICs for SMPS (67 kHz fixed), tape & reel
ICE 3BS02	SP000014966	PG-DIP-8-6	Off-line PWM (Pulse Width Modulation) control ICs for SMPS (67 kHz fixed) with start up cell, tube
▼ ICE 3BS02G	SP000101151	PG-DSO-8-8	Off-line PWM (Pulse Width Modulation) control ICs for SMPS (67 kHz fixed) with start up cell, tape & reel
ICE 3BS02L	SP000015117	P-DIP-8-6	Off-line PWM (Pulse Width Modulation) control ICs for SMPS (67 kHz fixed) with start up cell, latch mode, tube
ICE 3DS01L	SP000014265	P-DIP-8-6	Off-line PWM (Pulse Width Modulation) control ICs for SMPS (110 kHz fixed) with start up cell, latch mode, tube
ICE 3DS01LG	SP000014264	P-DSO-8-8	Off-line PWM (Pulse Width Modulation) control ICs for SMPS (110 kHz fixed) with start up cell, latch mode, tape & reel
ICE 1QS01	SP000014266	P-DIP-8-4	Controller for quasi-resonant SMPS supporting low power standby and power factor correction, tube
ICE 1QS01G	SP000014505	P-DSO-8-3	Controller for quasi-resonant SMPS supporting low power standby and power factor correction, tape & reel
▼ ICE 1QS01G	SP000081003	PG-DSO-8-3	
TDA 16846	SP000011731	P-DIP-14-3	Off-line PWM-controller for quasi-resonant, synchronized or fixed frequency applications, tube
▼ TDA 16846 G GEG	SP000012854	P-DSO-14-3	Off-line PWM-controller for quasi-resonant, synchronized or fixed frequency applications, tape & reel
▼ TDA 16846 G GEG	SP000081009	PGDSO-14-3	
TDA 16846-2	SP000013854	P-DIP-14-3	Off-line PWM-controller for quasi-resonant, synchronized or fixed frequency applications, suited for TV-, VCR-sets, SAT receivers and other sets for consumer electronics, tube
▼ TDA 16846-2G GEG	SP000081008	PG-DSO-14-3	Off-line PWM-controller for quasi-resonant, synchronized or fixed frequency applications, suited for TV-, VCR-sets, SAT receivers and other sets for consumer electronics, tape & reel
▼ TDA 16847	SP000011732	P-DIP-14-3	Off-line PWM-controller for quasi-resonant, synchronized or fixed frequency applications, temporary high power circuit, tape & reel
▼ TDA 16847-2	SP000013856	P-DIP-14-3	Off-line PWM-controller for quasi-resonant, synchronized or fixed frequency applications, suited for TV-, VCR-sets, SAT receivers and other sets for consumer electronics, temporary high power circuit, tube
TDA 16888	SP000011721	P-DIP-20-5	Power combi (PWM + PFC) control IC for SMPS, tube
TDA 16888 G	SP000011722	P-DSO-20-1	
▼ TDA 16888 G	SP000081318	PG-DSO-20-1	
▼ TDA 16888 G GEG	SP000011723	P-DSO-20-1	Power combi (PWM + PFC) control IC for SMPS, tape & reel
▼ TDA 16888 G GEG	SP000087990	PG-DSO-20-1	
TDA 4605-2	SP000011728	P-DIP-8-1	Off-line quasi-resonant PWM controller, tube
TDA 4605-3	SP000011729	P-DIP-8-1	Off-line quasi-resonant PWM controller with enhanced gate driver, tube

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Description
Power Control ICs			
Power Factor Controllers			
TDA 4862	SP000011734	P-DIP-8-1	Power factor correction control ICs for SMPS, tube
TDA 4862G GEG	SP000011735	P-DSO-8-1	Power factor correction control ICs for SMPS, tape & reel
▼ TDA 4862G GEG	SP000080989	P-DSO-8-1	
TDA 4863	SP000013654	P-DIP-8-4	Power factor controller IC for high power factor and low THD (Boost controller), tube
TDA 4863G	SP000013655	P-DSO-8-3	Power factor controller IC for high power factor and low THD (Boost controller), tape & reel
▼ TDA 4863G	SP000080991	PG-DSO-8-3	
TDA 4863-2	SP000014792	P-DIP-8-4	Power factor controller IC for high power factor and low THD (Boost controller), a big MOS transistor can be driven, tube
TDA 4863-2G	SP000014793	P-DSO-8-3	Power factor controller IC for high power factor and low THD (Boost controller), a big MOS transistor can be driven, tape & reel
▼ TDA 4863-2G	SP000081016	PG-DSO-8-3	
ICE 1PCS01	SP000014681	P-DIP-8-4	Power Factor Controller (PFC) in Continuous Conduction Mode (CCM), tube
ICE 1PCS01	SP000014680	P-DSO-8-3	Power Factor Controller (PFC) in Continuous Conduction Mode (CCM), tape & reel
▼ ICE 1PCS01G	SP000081001	PG-DSO-8-3	
▼ ICE 1PCS02	SP000056162	PG-DIP-8-4	Standalone Power Factor Correction (PFC) controller in Continuous Conduction Mode (CCM) with input brown-out protection, tube
▼ ICE 1PCS02G	SP000056164	PG-DSO-8-3	Standalone Power Factor Correction (PFC) controller in Continuous Conduction Mode (CCM) with input brown-out protection, tape & reel
TDA 21801	SP000015019	PG-DSO-8-3	Fan speed controller IC for SMPS, tape & reel

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Description
Power Control ICs			
CoolSET™ F1 Family			
TDA 16822	SP000012897	P-DIP-8-6	Integrated PWM control IC + CoolMOS™ power MOSFET in multi-chip technology (650 V, 20 W), tube

Type	Ordering Code	Package	V_{break}	P_{out}	I_{peak}	f_{op}
			V	W	A	kHz

Off-Line SMPS Current Mode Controller with Integrated CoolMOS™ Power MOSFET CoolSET™ F2 Family

ICE 2A0565	SP000014233	P-DIP-8-6	650	13	0.5	100
ICE 2A0565G	SP000015061	P-DSO-16/12	650	13	0.5	100
ICE 2A0565Z	SP000014235	P-DIP-7-1	650	12	0.5	100
ICE 2A165	SP000013769	P-DIP-8-6	650	18	1	100
ICE 2A180Z	SP000014236	P-DIP-7-1	800	18	1	100
ICE 2A265	SP000013503	P-DIP-8-6	650	32	2	100
ICE 2A280Z	SP000014237	P-DIP-7-1	800	31	2	100
ICE 2A365	SP000013504	P-DIP-8-6	650	45	3	100
▼ ICE 2A380P2	SP000089417	P-TO220-6-47	800	62	3	100
ICE 2A765I	SP000014565	P-TO220-6-46	650	130	7	100
ICE 2A765P	SP000013794	P-TO220-6-47	650	130	7	100
ICE 2A765P2	SP000014566	P-TO220-6-47	650	130	7	100
ICE 2B165	SP000013997	P-DIP-8-6	650	18	1	67
ICE 2B265	SP000013998	P-DIP-8-6	650	32	2	67
ICE 2B365	SP000013999	P-DIP-8-6	650	45	3	67
ICE 2B0565	SP000014234	P-DIP-8-6	650	45	0.5	67
ICE 2B765I	SP000014702	P-TO220-6-46	650	130	7	67
ICE 2B765P	SP000013768	P-TO220-6-47	650	130	7	67
ICE 2B765P2	SP000014701	P-TO220-6-47	650	130	7	67

Off-Line SMPS Current Mode Controller with Integrated CoolMOS™ Power MOSFET CoolSET™ F3 Family

ICE 3A0365	SP000015072	PG-DIP-8-6	650	10	0.3	100
ICE 3A0565	SP000015073	P-DIP-8-6	650	12	0.5	100
ICE 3A0565Z	SP000017044	P-DIP-7-1	650	12	0.5	100
ICE 3A1065	SP000015074	P-DIP-8-6	650	16	1.0	100
ICE 3A1565	SP000015083	P-DIP-8-6	650	20	1.5	100
ICE 3A2065	SP000015082	PG-DIP-8-6	650	28	2.0	100
ICE 3A2065I	SP000016985	P-TO220-6-46	650	28	2.0	100
ICE 3A2065P	SP000016984	P-TO220-6-47	650	28	2.0	100
ICE 3A2065Z	SP000017045	P-DIP-7-1	650	28	2.0	100
ICE 3A2565	SP000015075	PG-DIP-8-6	650	33	2.5	100

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	V_{break}	P_{out}	I_{peak}	f_{op}
			V	W	A	kHz

Power Control ICs

Off-Line SMPS Current Mode Controller with Integrated CoolMOS™ Power MOSFET CoolSET™ F3 Family (cont'd)

ICE 3A0365I	SP000016983	P-TO220-6-46	650	62	0.3	100
ICE 3A0365P	SP000016982	P-TO220-6-47	650	62	0.3	100
ICE 3A3565I	SP000016981	P-TO220-6-46	650	83	3.5	100
ICE 3A3565P	SP000016980	P-TO220-6-47	650	83	3.5	100
ICE 3A5065I	SP000016979	P-TO220-6-46	650	105	5.0	100
ICE 3A5065P	SP000016978	P-TO220-6-47	650	105	5.0	100
ICE 3A5565I	SP000016977	P-TO220-6-46	650	120	5.5	100
ICE 3A5565P	SP000016976	P-TO220-6-47	650	120	5.5	100
ICE 3B0365	SP000014968	P-DIP-8-6	650	10	0.3	67
ICE 3B0565	SP000014967	P-DIP-8-6	650	12	0.5	67
ICE 3B1065	SP000015076	P-DIP-8-6	650	16	1.0	67
ICE 3B1565	SP000015081	P-DIP-8-6	650	20	1.5	67
ICE 3B2065	SP000015080	P-DIP-8-6	650	28	2.0	67
ICE 3B2065I	SP000016808	P-TO220-6-46	650	50	2.0	67
ICE 3B2065P	SP000016809	P-TO220-6-47	650	50	2.0	67
ICE 3B2565	SP000015077	P-DIP-8-6	650	33	2.5	67
ICE 3B3065I	SP000016810	P-TO220-6-46	650	62	3.0	67
ICE 3B3065P	SP000016811	P-TO220-6-47	650	62	3.0	67
ICE 3B3565I	SP000016812	P-TO220-6-46	650	83	3.5	67
ICE 3B3565P	SP000016813	P-TO220-6-47	650	83	3.5	67
ICE 3B5065I	SP000016814	P-TO220-6-46	650	105	5.0	67
ICE 3B5065P	SP000016815	P-TO220-6-47	650	105	5.0	67
ICE 3B5565I	SP000016816	P-TO220-6-46	650	120	5.0	67
ICE 3B5565P	SP000016817	P-TO220-6-47	650	120	5.0	67

Off-Line SMPS Current Mode Controller with Integrated CoolMOS™ Power MOSFET CoolSET™ F3 Family (latched-off mode)

▼ ICE 3A1065L	SP000098668	P-DIP-8-6	650	16	1.0	100
▼ ICE 3A1565L	SP000098669	P-DIP-8-6	650	20	1.5	100
▼ ICE 3B0365L	SP000016614	P-DIP-8-6	650	10	0.3	67

Off-Line SMPS Current Mode Controller with Integrated CoolMOS™ Power MOSFET CoolSET™ F3 Family (Jitter mode)

▼ ICE 3B1565J	SP000098876	PG-DIP-8-6	650	20	1.5	67
▼ ICE 3B0365J	SP000064720	PG-DIP-8-6	650	10	0.3	67
▼ ICE 3B0365JG	SP000078899	P-DSCO-16/12	650	10	0.3	67
▼ ICE 3B0565J	SP000064685	PG-DIP-8-6	650	12	0.5	67
▼ ICE 3B0565JG	SP000077217	P-DSCO-16/12	650	12	0.5	67

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Package	Description
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Function and Industrial ICs

Proximity Switches

TCA 305G	SP000011709	P-DSO-14-1	ICs for inductive proximity switches, tube
▼ TCA 305G	SP000080985	PG-DSO-14-1	
▼ TCA 305G GEG	SP000011710	P-DSO-14-1	ICs for inductive proximity switches, tape & reel
▼ TCA 305G GEG	SP000080986	PG-DSO-14-1	
▼ TCA 355G	SP000080987	PG-DSO-8-1	ICs for inductive proximity switches, tube
TCA 355G GEG	SP000011712	P-DSO-8-1	ICs for inductive proximity switches, tape & reel
▼ TCA 355G GEG	SP000080988	PG-DSO-8-1	
TCA 505BG	SP000011717	P-DSO-16-1	ICs for inductive proximity switches with short-circuit protection, tube
▼ TCA 505BG GEG	SP000011718	P-DSO-16-1	ICs for inductive proximity switches with short-circuit protection, tape & reel
▼ TCA 505BG GEG	SP000105379	PG-DSO-16-1	

Power Driver ICs

FZL 4146G	SP000011402	P-DSO-20-7	Short-circuit signaling, four driver circuits for driving power transistors, turn-ON threshold setting from 1.5 to 7 V
▼ FZL 4146G	SP000087989	PG-DSO-20-7	

Window Discriminator

TCA 965B	SP000011720	P-DIP-14-1	Window discriminator, tube
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Phase Control

TCA 785	SP000011719	P-DIP-16-1	Phase control, tube
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Audible Signal ICs

SAE 0800	SP000011614	P-DIP-8-1	Programmable single-, dual- and triple-tone gong, tube
SAE 0800G	SP000011615	P-DSO-8-1	
▼ SAE 0800G	SP000080996	PG-DSO-8-1	
SAE 0800G GEG	SP000011616	P-DSO-8-1	Programmable single-, dual- and triple-tone gong, tape & reel
▼ SAE 0800G GEG	SP000080995	PG-DSO-8-1	

SMD = Surface Mounted Device

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			BSO 300N03S	SP000077644	16
			BSO 301SP	SP000012583	20
			BSO 303P	SP000012622	20
			BSO 303SP	SP000014019	20
			BSO 350N03S	SP000014679	16
			BSO 350N03S G	SP000080984	16
			BSO 4410	SP000013453	9
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			BSO 4420	SP000013336	9
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			BSO 612CV G	SP0000216307	22
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			BSO 615N G	SP0000216316	6
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BSP 316P G	SP000089222	21	BSS 139	SP000011170	22
BSP 317P	SP000014250	21	BSS 139 E-6906	SP000055415	22
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BSP 318S	SP000011112	6	BSS 159N E-6906	SP000055412	22
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BSP 613P	SP000012301	21	BSS 84P G E-6327	SP000082879	21
BSP 613P G	SP000089224	21	BSS 84PW	SP000013078	21
BSP 615S2L	SP000013181	11	BSS 87 E-6327	SP000011182	8
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BSP 742RI	SP000012106	40	BSS 87 G E-6327	SP000095794	8
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ICE 3B0565J	SP000064685	55	IDT 10S60C	SP000096443	35
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ICE 3B5065I	SP000016814	55	IGB 50N60T	SP000054922	32
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ICE 3B5565I	SP000016816	55	IGP 01N120H2	SP000014615	31
ICE 3B5565P	SP000016817	55	IGP 03N120H2	SP000014617	31
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ICE 3BS02L	SP000015117	52	IGP 15N60T	SP000095767	32
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