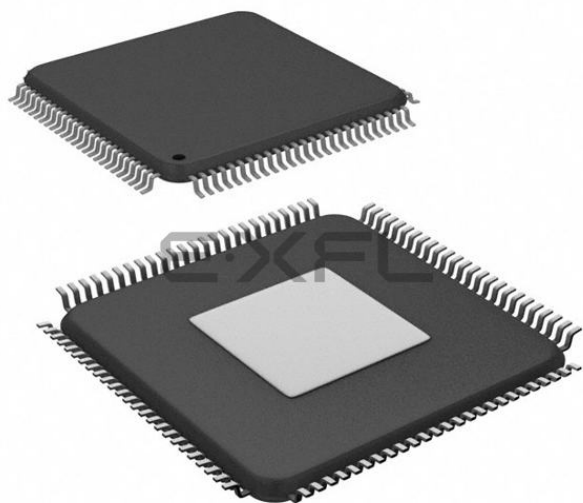




Welcome to [E-XFL.COM](https://www.e-xfl.com)

What is "[Embedded - Microcontrollers](#)"?

"[Embedded - Microcontrollers](#)" refer to small, integrated circuits designed to perform specific tasks within larger systems. These microcontrollers are essentially compact computers on a single chip, containing a processor core, memory, and programmable input/output peripherals. They are called "embedded" because they are embedded within electronic devices to control various functions, rather than serving as standalone computers. Microcontrollers are crucial in modern electronics, providing the intelligence and control needed for a wide range of applications.

Applications of "[Embedded - Microcontrollers](#)"

Details

Product Status	Obsolete
Core Processor	C166SV2
Core Size	16/32-Bit
Speed	80MHz
Connectivity	CANbus, EBI/EMI, I ² C, LINbus, SPI, SSC, UART/USART, USI
Peripherals	I ² S, POR, PWM, WDT
Number of I/O	76
Program Memory Size	320KB (320K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	42K x 8
Voltage - Supply (Vcc/Vdd)	3V ~ 5.5V
Data Converters	A/D 16x10b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	Surface Mount
Package / Case	100-LQFP Exposed Pad
Supplier Device Package	PG-LQFP-100-3
Purchase URL	https://www.e-xfl.com/product-detail/infineon-technologies/xc2060n40f80laakxuma1

Type	Ordering Code	Orderable Part Number	Package	Description
Microcontrollers, 16-bit				
XC2000 Family XC23xx Series (Safety) (cont'd)				
SAF-XC2336A-56F80L AA-Step	SP000722428	XC2336A56F80LAAFXUMA1	PG-LQFP-64-6	16/32-bit single-chip microcontroller with 32-bit performance XC2300 family High performance CPU with 5-stage pipeline, 448-Kbyte on-chip program memory, 32-Kbyte on-chip program/data SRAM (PSRAM), 1024 bytes on-chip special function register area (C166 family compatible), programmable watchdog timer and oscillator watchdog, two capture/compare unit (CCU6), 7 + 2-channel 10-Bit A/D converter, two Full-CAN nodes, four serial interface channels, 80-MHz clock frequency, -40°C to 85°C, tape & reel
SAK-XC2336B-40F20L AA-Step	SP000559070	XC2336B40F20LAAKXUMA1	PG-LQFP-64-6	as SAF-XC2336A-56F80L, 320-Kbyte on-chip program memory, 16-Kbyte on-chip program/data SRAM (PSRAM), 20-MHz clock frequency, -40°C to 125°C, tape & reel
SAK-XC2336B-40F66L AA-Step	SP000541986	XC2336B40F66LAAKXUMA1	PG-LQFP-64-6	as SAK-XC2336B-40F20L, 66-MHz clock frequency, tape & reel
SAK-XC2336B-40F80L AA-Step	SP000541980	XC2336B40F80LAAKXUMA1	PG-LQFP-64-6	as SAK-XC2336B-40F20L, 80-MHz clock frequency, tape & reel
SAH-XC2336B-40F80L AA-Step	SP000847032	XC2336B40F80LAAHXUMA1	PG-LQFP-64-6	as SAK-XC2336B-40F80L, -40°C to 110°C, tape & reel

SMD = Surface Mounted Device

Type	Ordering Code	Orderable Part Number	Package	Description
------	---------------	-----------------------	---------	-------------

Microcontrollers, 32-bit**TC17xx Family****TC172 Series (Powertrain)**

▼ SAK-TC1724N-192F133HR AC-Step	SP001064674	TC1724N192F133HRACKXUMA1	PG-LQFP-144-10	High performance TriCore™ CPU with 4-stage pipeline, (AUDO MAX) 1-Mbyte flash memory, 24-Kbyte code memory (CMEM), 64-Kbyte data flash usable for EEPROM emulation, 8-Kbyte instruction cache, 16-channel DMA controller, four high-speed synchronous serial channel (SSC), 10-bit A/D conversion, on-chip debug support (OCDS level 1), multiCAN module with three CAN nodes, power management system, one 2-channel FlexRay™ module, 133-MHz clock frequency, -40°C to 125°C, tape & reel
------------------------------------	-------------	--------------------------	----------------	--

TC173 Series (Powertrain)

SAK-TC1736-128F80HL AC-Step	SP000366518	TC1736128F80HLAAKXQMA1	PG-LQFP-144-10	High performance TriCore™ CPU with 4-stage pipeline 1-Mbyte flash memory, 36-Kbyte local data memory (LDRAM), 32-Kbyte data flash (8-Kbyte EEPROM emulation), 8-Kbyte instruction cache, 8-channel DMA controller, two high-speed synchronous serial channel (SSC), 10-bit A/D conversion, on-chip debug support (OCDS level 1), multiCAN module with two CAN nodes, power management system, 80-MHz clock frequency, -40°C to 125°C, tray
--------------------------------	-------------	------------------------	----------------	---

SMD = Surface Mounted Device

Type	Ordering Code	Orderable Part Number	Package	Description
Microcontrollers, 32-bit				
XMC4100 Family (Industry)				
XMC4100-F64F128 AB-Step	SP001017564	XMC4100F64F128ABXQMA1	PG-LQFP-64-19	High performance ARM [®] Cortex [™] -M4 CPU 128-Kbyte embedded program flash, USB 2.0 host, memory protection unit (MPU), floating point unit, 20-Kbyte RAM, 1-Kbyte instruction cache, 12-channel DMA controller, one capture/compare unit (CCU8), two 8-channel A/D converter units of 12-bit resolution, on-chip debug support, multiCAN module with two CAN nodes, 80-MHz clock frequency, -40°C to 85°C, tray
XMC4100-F64K128 AB-Step	SP001017566	XMC4100F64K128ABXQSA1	PG-LQFP-64-19	as XMC4100-F64F128, -40°C to 125°C, tray
XMC4100-Q48F128 AB-Step	SP001017560	XMC4100Q48F128ABXLSA1	PG-VQFN-48-53	as XMC4100-F64F128, VQFN package, tube
XMC4100-Q48K128 AB-Step	SP001017562	XMC4100Q48K128ABXLSA1	PG-VQFN-48-53	as XMC4100-Q48F128, -40°C to 125°C, tube
XMC4104-F64F128 AB-Step	SP001019662	XMC4104F64F128ABXQMA1	PG-LQFP-64-19	as XMC4100-F64F128, no USB interface, no MultiCAN, tray
XMC4104-F64K128 AB-Step	SP001019666	XMC4104F64K128ABXQSA1	PG-LQFP-64-19	as XMC4104-F64F128, -40°C to 125°C, tray
XMC4104-F64F64 AB-Step	SP001019652	XMC4104F64F64ABXQMA1	PG-LQFP-64-19	as XMC4104-F64F128, 64-Kbyte embedded program flash, tray
XMC4104-F64K64 AB-Step	SP001019654	XMC4104F64K64ABXQSA1	PG-LQFP-64-19	as XMC4104-F64F64, -40°C to 125°C, tray
XMC4104-Q48F128 AB-Step	SP001019676	XMC4104Q48F128ABXLSA1	PG-VQFN-48-53	as XMC4104-F64F128, VQFN package, tube
XMC4104-Q48K128 AB-Step	SP001019678	XMC4104Q48K128ABXLSA1	PG-VQFN-48-53	as XMC4104-Q48F128, -40°C to 125°C, tube
XMC4104-Q48F64 AB-Step	SP001019656	XMC4104Q48F64ABXLSA1	PG-VQFN-48-53	as XMC4104-Q48F128, 64-Kbyte embedded program flash, tube
XMC4104-Q48K64 AB-Step	SP001019658	XMC4104Q48K64ABXLSA1	PG-VQFN-48-53	as XMC4104-Q48F128, -40°C to 125°C, tube

SMD = Surface Mounted Device

Type	Ordering Code	Orderable Part Number	Package	Data			
				V_{DS}	$R_{DS(on)max}$	$V_{GS(th)}$	I_D
				V	mΩ	V	A
N-Channel MOSFETs							
30V							
BSB012N03LX3 G	SP000597846	BSB012N03LX3GXUMA1	CanPAK™ M-size	30	1.2	1.0 ... 2.2	180
BSB017N03LX3 G	SP000604468	BSB017N03LX3GXUMA1	CanPAK™ M-size	30	1.7	1.0 ... 2.2	147
BSC011N03LS	SP000799082	BSC011N03LSATMA1	SuperSO8	30	1.1	1.0 ... 2.2	100
BSC011N03LSI	SP000884574	BSC011N03LSIATMA1	SuperSO8	30	1.1	1.2 ... 2.0	100
BSC014N03LS G	SP000394677	BSC014N03LSGATMA1	SuperSO8	30	1.4	1.2 ... 2.0	100
■ BSC016N03LS G	SP000237663	BSC016N03LSGATMA1	SuperSO8	30	1.6	1.0 ... 2.2	100
BSC0901NS	SP000800248	BSC0901NSATMA1	SuperSO8	30	1.9	1.0 ... 2.2	100
BSC0901NSI	SP000819818	BSC0901NSIATMA1	SuperSO8	30	2.0	1.0 ... 2.2	100
■ BSC020N03LS G	SP000237662	BSC020N03LSGATMA1	SuperSO8	30	2.0	1.0 ... 2.2	100
▼ BSC020N03LS G	SP000959514	BSC020N03LSGATMA2	SuperSO8	30	2.0	1.0 ... 2.2	100
BSC025N03LS G	SP000269781	BSC025N03LSGATMA1	SuperSO8	30	2.5	1.0 ... 2.2	100
BSC0902NS	SP000800246	BSC0902NSATMA1	SuperSO8	30	2.6	1.0 ... 2.2	100
BSC0902NSI	SP000854380	BSC0902NSIATMA1	SuperSO8	30	2.8	1.2 ... 2.0	100
BSC030N03LS G	SP000237661	BSC030N03LSGATMA1	SuperSO8	30	3.0	1.0 ... 2.2	100
BSC034N03LS G	SP000475948	BSC034N03LSGATMA1	SuperSO8	30	3.4	1.0 ... 2.2	100
BSC0904NSI	SP000854384	BSC0904NSIATMA1	SuperSO8	30	3.7	1.0 ... 2.2	78
BSC042N03LS G	SP000302864	BSC042N03LSGATMA1	SuperSO8	30	4.2	1.0 ... 2.2	93
BSC0906NS	SP000893360	BSC0906NSATMA1	SuperSO8	30	4.5	1.0 ... 2.2	63
BSC050N03LS G	SP000269785	BSC050N03LSGATMA1	SuperSO8	30	5.0	1.0 ... 2.2	79
BSC052N03LS	SP000807602	BSC052N03LSATMA1	SuperSO8	30	5.2	1.0 ... 2.2	57
BSC057N03LS G	SP000275113	BSC057N03LSGATMA1	SuperSO8	30	5.7	1.0 ... 2.2	71
BSC072N03LD G	SP000359607	BSC072N03LDGATMA1	SuperSO8 dual	30	7.2	1.0 ... 2.2	20
BSC079N03LSC G	SP000527424	BSC079N03LSCGATMA1	SuperSO8	30	7.9	1.0 ... 2.2	50
BSC0908NS	SP000847024	BSC0908NSATMA1	SuperSO8	30	8.0	1.0 ... 2.2	49
BSC080N03LS G	SP000275114	BSC080N03LSGATMA1	SuperSO8	30	8.0	1.0 ... 2.2	52
BSC090N03LS G	SP000275115	BSC090N03LSGATMA1	SuperSO8	30	9.0	1.0 ... 2.2	47
BSC0909NS	SP000832576	BSC0909NSATMA1	SuperSO8	30	9.2	1.0 ... 2.2	44
BSC120N03LS G	SP000302848	BSC120N03LSGATMA1	SuperSO8	30	12	1.0 ... 2.2	39
BSC150N03LD G	SP000359362	BSC150N03LDGATMA1	SuperSO8 dual	30	15	1.0 ... 2.2	20
BSC0921NDI	SP000934748	BSC0921NDIATMA1	PowerStage 5x6	30	5.0/1.6	1.2 ... 2.0	40
BSC0923NDI	SP000934758	BSC0923NDIATMA1	PowerStage 5x6	30	5.0/2.8	1.2 ... 2.0	40
BSC0924NDI	SP000934750	BSC0924NDIATMA1	PowerStage 5x6	30	5.0/3.7	1.2 ... 2.0	40
BSC0925ND	SP000934752	BSC0925NDATMA1	PowerStage 5x6	30	5.0	1.2 ... 2.0	40
BSD316SN H6327	SP000917668	BSD316SNH6327XTSA1	SOT363	30	160	1.2 ... 2.0	1.4
BSF024N03LT3 G	SP000616988	BSF024N03LT3GXUMA1	CanPAK™ S-size	30	2.4	1.0 ... 2.2	106
■ BSF045N03LQ3 G	SP000597842	BSF045N03LQ3GXUMA1	CanPAK™ S-size	30	4.5	1.0 ... 2.2	63
BSF050N03LQ3 G	SP000604522	BSF050N03LQ3GXUMA1	CanPAK™ S-size	30	5.0	1.2 ... 2.2	60
▼ BSN012N03LS	SP001074740	BSN012N03LSXUSA1	Blade 3x3	30	1.2	1.2 ... 2.0	50
▼ BSN012N03LSI	SP001074742	BSN012N03LSIXUSA1	Blade 3x3	30	1.2	1.2 ... 2.0	50
▼ BSN048N03LS	SP001074746	BSN048N03LSXUSA1	Blade 3x3	30	4.8	1.2 ... 2.0	50
BSR302N	SP000257785	BSR302NL6327HTSA1	SC59	30	23	1.2 ... 2.0	3.7
BSS306N	SP000928940	BSS306NH6327XTSA1	SOT23	30	57	1.2 ... 2.0	2.3
BSS316N	SP000928948	BSS316NH6327XTSA1	SOT23	30	160	1.2 ... 2.0	1.4
BSZ019N03LS	SP000792362	BSZ019N03LSATMA1	S3O8	30	1.9	1.0 ... 2.2	40
BSZ0901NS	SP000854570	BSZ0901NSATMA1	S3O8 (fused leads)	30	2.0	1.0 ... 2.2	40
BSZ0901NSI	SP000853566	BSZ0901NSIATMA1	S3O8 (fused leads)	30	2.1	1.0 ... 2.2	40
BSZ0902NS	SP000854386	BSZ0902NSATMA1	S3O8 (fused leads)	30	2.6	1.0 ... 2.2	40
BSZ0902NSI	SP000854388	BSZ0902NSIATMA1	S3O8 (fused leads)	30	2.8	1.0 ... 2.2	40
■ BSZ035N03LS G	SP000278809	BSZ035N03LSGATMA1	S3O8	30	3.5	1.0 ... 2.2	40

SMD = Surface Mounted Device

Type	Ordering Code	Orderable Part Number	Package	Data			
				V_{DS}	$R_{DS(on) max}$	$V_{GS(th)}$	I_D
				V	mΩ	V	A

N-Channel MOSFETs**60V**

BSB028N06NN3 G	SP000605956	BSB028N06NN3GXUMA1	CanPAK™ M-size	60	2.8	2.0 ... 4.0	90
BSF110N06NT3 G	SP000973760	BSF110N06NT3GXUMA1	CanPAK™ S-size	60	11	2.0 ... 4.0	47
BSC014N06NS	SP000924886	BSC014N06NSATMA1	SuperSO8	60	1.45	2.8	100
BSC016N06NS	SP000924882	BSC016N06NSATMA1	SuperSO8	60	1.6	2.8	100
BSC028N06LS3 G	SP000453652	BSC028N06LS3GATMA1	SuperSO8	60	2.8	1.2 ... 2.2	100
BSC028N06NS	SP000917416	BSC028N06NSATMA1	SuperSO8	60	2.8	2.8	100
BSC031N06NS3 G	SP000451482	BSC031N06NS3GATMA1	SuperSO8	60	3.1	2.0 ... 4.0	100
▼ BSC034N06NS	SP001067010	BSC034N06NSATMA1	SuperSO8	60	3.4	2.1 ... 3.3	100
BSC039N06NS	SP000985386	BSC039N06NSATMA1	SuperSO8	60	3.9	2.8	100
▼ BSC066N06NS	SP001067000	BSC066N06NSATMA1	SuperSO8	60	6.6	2.1 ... 3.3	64
BSC067N06LS3 G	SP000451084	BSC067N06LS3GATMA1	SuperSO8	60	6.7	1.2 ... 2.2	50
BSC076N06NS3 G	SP000453656	BSC076N06NS3GATMA1	SuperSO8	60	7.6	2.0 ... 4.0	50
▼ BSC097N06NS	SP001067004	BSC097N06NSATMA1	SuperSO8	60	9.7	2.1 ... 3.3	46
BSC100N06LS3 G	SP000453664	BSC100N06LS3GATMA1	SuperSO8	60	10	1.2 ... 2.2	50
BSC110N06NS3 G	SP000453668	BSC110N06NS3GATMA1	SuperSO8	60	11	2.0 ... 4.0	50
▼ BSL606SN	SP000691164	BSL606SNH6327XTSA1	TSOP6	60	60	1.3 ... 2.3	4.5
▼ BSR606N	SP000691160	BSR606NH6327XTSA1	SC59	60	60	1.3 ... 2.3	2.3
▼ BSS606N	SP000691152	BSS606NH6327XTSA1	SOT89	60	60	1.3 ... 2.3	3.2
▼ BSS7728N	SP000702640	BSS7728NH6327XTSA1	SOT23	60	5000	1.3 ... 2.3	0.2
BSZ042N06NS	SP000917418	BSZ042N06NSATMA1	S3O8	60	4.2	2.8	40
BSZ067N06LS3 G	SP000451080	BSZ067N06LS3GATMA1	S3O8	60	6.7	1.2 ... 2.2	20
▼ BSZ068N06NS	SP001067002	BSZ068N06NSATMA1	S3O8	60	6.8	2.1 ... 3.3	40
BSZ076N06LS3 G	SP000454420	BSZ076N06NS3GATMA1	S3O8	60	7.6	2.0 ... 4.0	20
BSZ100N06LS3 G	SP000453672	BSZ100N06LS3GATMA1	S3O8	60	10	1.7 ... 2.2	20
▼ BSZ100N06NS	SP001067006	BSZ100N06NSATMA1	S3O8	60	10	2.1 ... 3.3	40
BSZ110N06NS3 G	SP000453676	BSZ110N06NS3GATMA1	S3O8	60	11	2.0 ... 4.0	20
IPA032N06N3 G	SP000453608	IPA032N06N3GXKSA1	TO-220 FullPAK	60	3.2	2.0 ... 4.0	84
IPA057N06N3 G	SP000457582	IPA057N06N3GXKSA1	TO-220 FullPAK	60	5.7	2.0 ... 4.0	60
IPA093N06N3 G	SP000451088	IPA093N06N3GXKSA1	TO-220 FullPAK	60	9.3	2.0 ... 4.0	43
IPB010N06N	SP000917410	IPB010N06NATMA1	D ² PAK 7pin	60	1.0	1.2 ... 2.2	180
IPB014N06N	SP000917408	IPB014N06NATMA1	D ² PAK 7pin	60	1.4	2.8	180
IPB016N06L3 G	SP000453040	IPB016N06L3GATMA1	D ² PAK 7pin	60	1.6	1.2 ... 2.2	180
IPB017N06N3 G	SP000434404	IPB017N06N3GATMA1	D ² PAK 7pin	60	1.7	2.0 ... 4.0	180
IPB019N06L3 G	SP000453020	IPB019N06L3GATMA1	D ² PAK	60	1.9	1.2 ... 2.2	120
IPB026N06N	SP000962142	IPB026N06NATMA1	D ² PAK	60	2.6	2.8	100
IPB029N06N3 G	SP000453052	IPB029N06N3GATMA1	D ² PAK	60	2.9	2.0 ... 4.0	120
IPB029N06N3 G	SP000939334	IPB029N06N3GE8187ATMA1	D ² PAK	60	2.9	2.0 ... 4.0	120
IPB034N06L3 G	SP000398062	IPB034N06L3GATMA1	D ² PAK	60	3.4	1.2 ... 2.2	90
IPB037N06N3 G	SP000397986	IPB037N06N3GATMA1	D ² PAK	60	3.7	2.0 ... 4.0	90
■ IPB054N06N3 G	SP000446782	IPB054N06N3GATMA1	D ² PAK	60	5.4	2.1 ... 4.0	80
IPB057N06N	SP000962140	IPB057N06NATMA1	D ² PAK	60	5.7	2.8	45
IPB081N06L3 G	SP000398076	IPB081N06L3GATMA1	D ² PAK	60	8.1	1.2 ... 2.2	50
IPB090N06N3 G	SP000398042	IPB090N06N3GATMA1	D ² PAK	60	9.0	2.1 ... 4.0	50
IPD025N06N	SP000988276	IPD025N06NATMA1	DPAK	60	2.5	2.8	90
IPD031N06L3 G	SP000451076	IPD031N06L3GATMA1	DPAK	60	3.1	1.2 ... 2.2	100
IPD034N06N3 G	SP000451070	IPD034N06N3GATMA1	DPAK	60	3.4	2.0 ... 4.0	100
IPD038N06N3 G	SP000397994	IPD038N06N3GATMA1	DPAK	60	3.8	2.0 ... 4.0	90
IPD048N06L3 G	SP000453334	IPD048N06L3GBTMA1	DPAK	60	4.8	1.2 ... 2.2	90

SMD = Surface Mounted Device

Type	Ordering Code	Orderable Part Number	Package	Data			
				V_{CE}	I_C	I_C (pulse) (max)	V_{CE} (sat) (typ)
				V	A	A	V

IGBT Power Transistors**TRENCHSTOP™ Single Version
600V**

IGB10N60T	SP000456678	IGB10N60TATMA1	D ² PAK	600	10	30	1.50
IGB15N60T	SP000054921	IGB15N60TATMA1	D ² PAK	600	15	45	1.50
IGB30N60T	SP000095765	IGB30N60TATMA1	D ² PAK	600	30	90	1.50
IGB50N60T	SP000054922	IGB50N60TATMA1	D ² PAK	600	50	150	1.50
IGD06N60T	SP000960698	IGD06N60TATMA1	DPAK	600	6	18	1.50
IGP06N60T	SP000683040	IGP06N60TXKSA1	TO-220	600	6	18	1.50
IGP10N60T	SP000683042	IGP10N60TXKSA1	TO-220	600	10	30	1.50
IGP15N60T	SP000683044	IGP15N60TXKSA1	TO-220	600	15	45	1.50
IGP50N60T	SP000683046	IGP50N60TXKSA1	TO-220	600	50	150	1.50
▼ IGU04N60T	SP001045846	IGU04N60TAKMA1	IPAK	600	4	12	1.50
IGW30N60T	SP000054925	IGW30N60TFKSA1	TO-247	600	30	90	1.50
IGW50N60T	SP000054926	IGW50N60TFKSA1	TO-247	600	50	150	1.50
IGW75N60T	SP000054927	IGW75N60TFKSA1	TO-247	600	75	225	1.50

**TRENCHSTOP™
1200V**

IGW08T120	SP000013937	IGW08T120FKSA1	TO-247	1200	8	24	1.70
IGW15T120	SP000013888	IGW15T120FKSA1	TO-247	1200	15	45	1.70
IGW25T120	SP000013887	IGW25T120FKSA1	TO-247	1200	25	75	1.70
IGW40T120	SP000013886	IGW40T120FKSA1	TO-247	1200	40	105	1.70
IGW60T120	SP000013906	IGW60T120FKSA1	TO-247	1200	60	105	1.70

**TRENCHSTOP™ DuoPack (IGBT + Emitter Controlled Diode)
600V**

IKA06N60T	SP000215375	IKA06N60TXKSA1	TO-220 FullPAK	600	6	18	1.50
IKA10N60T	SP000215376	IKA10N60TXKSA1	TO-220 FullPAK	600	10	30	1.50
IKA15N60T	SP000215377	IKA15N60TXKSA1	TO-220 FullPAK	600	15	45	1.50
IKB06N60T	SP000014954	IKB06N60TATMA1	D ² PAK	600	6	18	1.50
IKB10N60T	SP000014833	IKB10N60TATMA1	D ² PAK	600	10	30	1.50
IKB15N60T	SP000054882	IKB15N60TATMA1	D ² PAK	600	15	45	1.50
IKB20N60T	SP000054883	IKB20N60TATMA1	D ² PAK	600	20	60	1.50
IKI04N60T	SP000607046	IKI04N60TXKSA1	I ² PAK	600	4	12	1.50
IKP04N60T	SP000683054	IKP04N60TXKSA1	TO-220	600	4	12	1.50
IKP06N60T	SP000683056	IKP06N60TXKSA1	TO-220	600	6	18	1.50
IKP10N60T	SP000683062	IKP10N60TXKSA1	TO-220	600	10	30	1.50
IKP15N60T	SP000683064	IKP15N60TXKSA1	TO-220	600	15	45	1.50
IKP20N60T	SP000683066	IKP20N60TXKSA1	TO-220	600	20	60	1.50
IHW30N60T	SP000076306	IHW30N60TFKSA1	TO-247	600	30	90	1.50
IHW40T60	SP000309994	IHW40T60FKSA1	TO-247	600	40	120	1.55
IKW20N60T	SP000054886	IKW20N60TFKSA1	TO-247	600	20	60	1.50
IKW30N60T	SP000054887	IKW30N60TFKSA1	TO-247	600	30	90	1.50
IKW50N60T	SP000054888	IKW50N60TFKSA1	TO-247	600	50	150	1.50
IKW75N60T	SP000054889	IKW75N60TFKSA1	TO-247	600	75	225	1.50

SMD = Surface Mounted Device

Type	Ordering Code	Orderable Part Number	Package	Data			
				V_s	$R_{DS(on)}$	$I_{L(nom)} \text{ min.}$	$I_{L(SCp)} \text{ typ.}$
				V	mΩ	A	A

Smart High-Side Switches

Two Channel PROFET™ for automotive applications

BTS4160DGA	SP000360284	BTS4160DGAXUMA1	PG-DSO-14-37	43	2 x 160	1.8	6.5
▼ BTS5016-2EKA	SP000958754	BTS50162EKAXUMA1	PG-DSO-14-47 EP	28	16	8.0	50
BTS5020-2EKA	SP000857482	BTS50202EKAXUMA2	PG-DSO-14-40 EP	24	2 x 20	7/5	50
BTS5030-2EKA	SP000389642	BTS50302EKAXUMA1	PG-DSO-14-40 EP	24	2 x 30	6/4	36
BTS5045-2EKA	SP000857484	BTS50452EKAXUMA1	PG-DSO-14-40 EP	24	2 x 45	4.5/3	25
BTS5090-2EKA	SP000639242	BTS50902EKAXUMA1	PG-DSO-14-40 EP	24	2 x 90	3.5/2.5	20
BTS5120-2EKA	SP000639244	BTS51202EKAXUMA1	PG-DSO-14-40 EP	24	2 x 120	2.5/2	9
BTS5180-2EKA	SP000639238	BTS51802EKAXUMA1	PG-DSO-14-40 EP	24	2 x 180	2/1.5	8
BTS5210G	SP000272327	BTS5210GXUMA1	PG-DSO-14-35	43	2 x 140	2.4	6.5
BTS5210L	SP000301612	BTS5210LAUMA1	PG-DSO-12-9	43	2 x 140	2.4	6.5
BTS5215L	SP000301613	BTS5215LAUMA1	PG-DSO-12-9	43	2 x 90	3.7	12
■ BTS5231-2GS	SP000281794	BTS52312GSXUMA1	PG-DSO-14-31	28	2 x 140	1.8	8
■ BTS5235-2G	SP000281079	BTS52352GXUMA1	PG-DSO-20-43	28	2 x 60	3.5	6
■ BTS5235-2L	SP000280715	BTS52352LAUMA1	PG-DSO-12-9	28	2 x 60	3.5	6
■ BTS5236-2GS	SP000280717	BTS52362GSXUMA1	PG-DSO-14-32	28	2 x 50	3.6	6
BTS5242-2L	SP000281082	BTS52422LAUMA1	PG-DSO-12-19	28	2 x 25	6.0	7/40 (adjust.)
BTS5246-2L	SP000281083	BTS52462LAUMA1	PG-DSO-12-19	28	2 x 19	6.0	7/40 (adjust.)
BTS723GW	SP000272332	BTS723GWXUMA1	PG-DSO-14	58	2 x 105	2.9	8
BTS740S2	SP000313545	BTS740S2XUMA1	PG-DSO-20-9	34	2 x 30	5.5	24
BTS50040-2SFA	SP000851890	BTS500402SFAXUMA1	PG-DSO-36-44	28	2 x 4	11	130
▼ BTT6030-2EKA	SP001004946	BTT60302EKAXUMA1	PG-DSO-14-47 EP	36	2 x 32	6.0	56
BTT6050-2EKA	SP000866750	BTT60502EKAXUMA1	PG-DSO-14-40 EP	36	2 x 100	4.5	38

Two Channel PROFET™ for industrial applications

ITS5215L	SP000219826	ITS5215LCUMA1	PG-DSO-12-2	40	2 x 90	3.7	15
----------	-------------	---------------	-------------	----	--------	-----	----

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Orderable Part Number	Package	Description
Smart High-Side Switches				
SPI Power Controller (SPOC) for automotive applications (cont'd)				
▼ BTS55032-LBA	SP000919412	BTS55032LBAAUMA1	PG-TSON-24-3	Five channel smart high-side switches for advanced front light control, 8-bit serial peripheral interface, LED mode, overvoltage protection: > 42V, loads: 3 x 27W + 2 x 10W, tape & reel
■ BTS5662E	SP000296439	BTS5662EAUMA1	PG-DSO-36-36 EP	Six channel smart high-side switches for bulb application, overvoltage protection: > 41V, loads: 3 x 27W + 2 x 10W + 1 x 5W, basic, tape & reel
■ BTS5672E	SP000455504	BTS5672EAUMA2	PG-DSO-36-36 EP	Six channel smart high-side switches for bulb application, LED mode, overvoltage protection: > 41 V, loads: 3 x 27W + 2 x 10W + 1 x 5W, basic, tape & reel
■ BTS5682E	SP000296428	BTS5682EAUMA1	PG-DSO-36-36 EP	Six channel smart high-side switches for bulb application, LED mode and cranking, overvoltage protection: > 41V, loads: 3 x 27W + 2 x 10W + 1 x 5W, basic, tape & reel
▼ BTS56033-LBA	SP000915094	BTS56033LBAAUMA1	PG-TSON-24-3	Six channel smart high-side switches for advanced front light control, 8-bit serial peripheral interface, LED mode, overvoltage protection: > 42V, loads: 3 x 27W + 3 x 10W, tape & reel

SMD = Surface Mounted Device

Power Semiconductors

Type	Ordering Code	Orderable Part Number	Package	Description
------	---------------	-----------------------	---------	-------------

Automotive Transceivers and SBCs

Body System Basis Chips

(cont'd)

TLE8263-2E	SP000379937	TLE82632EXUMA1	PG-DSO-36-38	Universal system basis IC (HERMES), integrated high speed CAN, 2LIN, LDO and SPI, 3 limp home output, tape & reel
▼ TLE8263-2E	SP001056126	TLE82632EXUMA2	PG-DSO-36-38	Universal system basis IC (HERMES), integrated high speed CAN, 2LIN, LDO and SPI, 3 limp home output, tape & reel
TLE8264E	SP000317796	TLE8264EXUMA1	PG-DSO-36-38	Universal system basis IC (HERMES), integrated high speed CAN, 3LIN, LDO and SPI, 1 limp home output, tape & reel
▼ TLE8264E	SP001056120	TLE8264EXUMA2	PG-DSO-36-38	Universal system basis IC (HERMES), integrated high speed CAN, 3LIN, LDO and SPI, 1 limp home output, tape & reel
TLE8264-2E	SP000379938	TLE82642EXUMA1	PG-DSO-36-38	Universal system basis IC (HERMES), integrated high speed CAN, 3LIN, LDO and SPI, 3 limp home output, tape & reel
▼ TLE8264-2E	SP001056122	TLE82642EXUMA2	PG-DSO-36-38	Universal system basis IC (HERMES), integrated high speed CAN, 3LIN, LDO and SPI, 3 limp home output, tape & reel
▼ TLE9266QX	SP000850940	TLE9266QXXUMA1	PG-VQFN-48-31	Body system IC with integrated voltage regulator, power managment functions, HS-CAN and LIN transceiver, featuring multiple high-side and low-side switches including wake inputs, tape & reel
▼ TLE9266-2QX	SP000926208	TLE92662QXXUMA1	PG-VQFN-48-31	Body system IC with integrated voltage regulator, power managment functions, HS-CAN and LIN transceiver, featuring multiple high-side and low-side switches including wake inputs, tape & reel

Stand-alone Transceivers

TLE6250G	SP000316311	TLE6250GXUMA1	PG-DSO-8-16	High speed CAN-transceiver according to ISO 11898, tape & reel
TLE6250G V33	SP000382100	TLE6250GV33XUMA1	PG-DSO-8-16	High speed CAN-transceiver according to ISO 11898, for 3.3V microcontroller
TLE6251D	SP000836844	TLE6251DXUMA1	PG-DSO-8-16	High speed CAN-transceiver according to ISO 11898, with bus wake-up and bus failure detection, tape & reel
TLE6251DS	SP000294173	TLE6251DSXUMA1	PG-DSO-8-3	High speed CAN-transceiver with bus wake-up, compatible to 3.3V and 5V logic input levels, tape & reel
■ TLE6251G	SP000082094	TLE6251GNTMA1	P-DSO-14-13	High speed CAN-transceiver with bus wake-up and bus failure detection, tape & reel
TLE6251-2G	SP000407102	TLE62512GXUMA1	PG-DSO-14-24	High speed CAN-transceiver 1-Mbit/s transmission rate, with bus wake-up and bus failure detection, for mixed supply CAN networks, tape & reel
TLE6251-3G	SP000823130	TLE62513GXUMA1	PG-DSO-14	High speed CAN-transceiver, 1-Mbit/s transmission rate, with bus wake-up and bus failure detection, for mixed supply CAN networks, no split pin, tape & reel
TLE8250G	SP000551642	TLE8250GXUMA1	PG-DSO-8-16	High speed CAN-transceiver according ISO 11898-3, fully compatible to TLE6250G, receive-only mode input, not Enable input, for large CAN networks with high data rates, tape & reel
TLE8250GVIO	SP000691818	TLE8250GVIOXUMA1	PG-DSO-8-16	High speed CAN-transceiver according ISO 11898-3, fully compatible to TLE6250G, not Enable input, for large CAN networks with high data rates, V_{IO} input for voltage adaptation, tape & reel

SMD = Surface Mounted Device

Type	Ordering Code	Orderable Part Number	Package	Description
------	---------------	-----------------------	---------	-------------

Specific Automotive ICs**Application Specific Standard Products for Restraint Systems**

TLE6710Q	SP000013708	TLE6710QNUMA1	P-MQFP-64-1	Power supply communication four squib driver airbag system ICs, tape & reel
TLE6712G	SP000013710	TLE6712GNTMA1	P-DSO-24-10	Two squib airbag firing ICs, tape & reel
TLE6714G	SP000013709	TLE6714GNTMA1	P-DSO-28-1	Quad squib airbag firing ICs, tape & reel
TLE7729T	SP000312977	TLE7729TXUMA1	PG-TSSOP-28	Quad channel airbag satellite receiver ICs (SatRIC™), tape & reel

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

■ TLE6212	SP000451438	TLE6212XUMA1	PG-LQFP-64-1	System-IC for ABS/Traction Control/Electronic Stability Control, tape & reel
-----------	-------------	--------------	--------------	--

Power Interface Products for Motorcycle and Small Engines

TLE8080EM	SP000823824	TLE8080EMXUMA1	PG-SSOP-24	Engine management IC for small engines, 5V/250mA, K-line transceiver (ISO 9141), SPI, 4 low side driver with overtemperature and overcurrent protection, tape & reel
TLE8080-2EM	SP001052526	TLE80802EMXUMA1	PG-SSOP-24	Engine management IC for small engines, 5V/250mA, K-line transceiver (ISO 9141), SPI, 4 low side driver with overtemperature and overcurrent protection, tape & reel
TLE8088EM	SP000685716	TLE8088EMXUMA1	PG-SSOP-24	Engine management IC for small engines, 5V/150mA, K-line transceiver (ISO 9141), SPI, 1 low side driver with overtemperature and overcurrent protection, tape & reel

SMD = Surface Mounted Device

Type	Ordering Code	Orderable Part Number	Package	Maximum Ratings		Characteristics ($T_A = 25^\circ\text{C}$)		
				V_{CEO} V	I_c mA	f_T GHz	G dB	at f MHz

RF Bipolar Transistors**High Linearity Si- and SiGe:C Transistors for use up to 6GHz**

BF771	3k*	SP000010967	BF771E6327HTSA1	SOT23	12	80	7.0	13.5	900
BF799	3k*	SP000010973	BF799E6327HTSA1	SOT23	20	35	1.1	–	–
BF799W	3k*	SP000734406	BF799WH6327XTSA1	SOT323	20	35	1.1	–	–
BFP193	3k*	SP000011024	BFP193E6327HTSA1	SOT143	12	80	8.0	15	900
BFP193W	3k*	SP000745248	BFP193WH6327XTSA1	SOT343	12	80	8.0	20	900
BFP196	3k*	SP000011027	BFP196E6327HTSA1	SOT143	12	100	7.2	16	900
BFP196W	3k*	SP000745250	BFP196WH6327XTSA1	SOT343	12	100	7.2	16	900
BFP450	3k*	SP000745270	BFP450H6327XTSA1	SOT343	4.5	100	24	14	1800
BFP450	10k*	SP000745272	BFP450H6433XTMA1	SOT343	4.5	100	24	14	1800
BFP650	3k*	SP000750406	BFP650H6327XTSA1	SOT343	4.0	150	36	21.5 11	1800 6000
BFP650F	3k*	SP000750408	BFP650FH6327XTSA1	TSFP-4-1	4.0	150	42	21.5 10.5	1800 5500
BFP740F	3k*	SP000750416	BFP740FH6327XTSA1	TSFP-4-1	4.0	160	42	27.5 19	1800 5500
▼ BFP760	3k*	SP001023768	BFP760H6327XTSA1	SOT343	4.0	70	45	25 16.5	1800 5500
BFQ19S	1k*	SP000011042	BFQ19SE6327HTSA1	SOT89	15	75	5.1	11.8	900
BFR106	3k*	SP000011044	BFR106E6327HTSA1	SOT23	15	100	4.9	12.5	900
BFR193	3k*	SP000011056	BFR193E6327HTSA1	SOT23	12	80	8.0	14.5	900
BFR193F	3k*	SP000750424	BFR193FH6327XTSA1	TSFP-3	12	80	8.0	14.5	900
BFR193W	3k*	SP000734404	BFR193WH6327XTSA1	SOT323	12	80	8.0	15.5	900
BFR193L3	3k*	SP000013557	BFR193L3E6327XTMA1	TSLP-3-1	12	150	8.0	19	900
BFR380F	15k*	SP000750444	BFR380FH6327XTSA1	TSFP-3-1	6.0	80	14.0	13.5	1800
BFR380L3	15k*	SP000013562	BFR380L3E6327XTMA1	TSLP-3-1	6.0	80	14.0	13.5	1800
BFR93A	3k*	SP000011066	BFR93AE6327HTSA1	SOT23	12	50	6.0	13.5	900
BFR93AW	3k*	SP000734402	BFR93AWH6327XTSA1	SOT323	12	50	6.0	15	900

Biased Low Noise RF Transistors

BGR405	3k*	SP000750466	BGR405H6327XTSA1	SOT343	4.5	12	0.4	7.0	1800
BGR420	3k*	SP000750468	BGR420H6327XTSA1	SOT343	4.5	25	0.4	15.5	1800

Type	Ordering Code	Orderable Part Number	Package	Maximum Ratings		Characteristics ($T_A = 25^\circ\text{C}$)	
				V_s V	I_D mA	V_{drop} V	vs V_s %/V

Active Bias Controller for RF Transistors

BCR400W	3k*	SP000745168	BCR400WH6327XTSA1	SOT343	18	10	0.65	5
BCR410W	3k*	SP000745924	BCR410WH6327XTSA1	SOT343	18	0.5	0.11	2

* order unit

SMD = Surface Mounted Device

RF & Protection Devices

Type	Ordering Code	Orderable Part Number	Package	Maximum Ratings		Characteristics ($T_A = 25^\circ\text{C}$)		
				$V_{R\text{ max}}$	$I_{F\text{ max}}$	C_T	V_R	r_F
				V	mA	pF	V	Ω

RF PIN Diodes

Band Switching + RF Attenuation

BA592	3k*	SP000010141	BA592E6327HTSA1	SOD323	35	100	0.85	3	0.36
BA592	10k*	SP000010142	BA592E6433HTMA1	SOD323	35	100	0.85	3	0.36
BA595	3k*	SP000010146	BA595E6327HTSA1	SOD323	50	50	0.26	10	5.00
■ BA595	10k*	SP000010148	BA595E6433HTMA1	SOD323	50	50	0.26	10	5.00
BA885	3k*	SP000010151	BA885E6327HTSA1	SOT23	50	100	0.28	10	5.00
■ BA892	3k*	SP000734344	BA892H6327XTSA1	SCD80	35	100	0.85	3	0.36
■ BA892	3k*	SP000745044	BA892H6770XTSA1	SCD80	35	100	0.85	3	0.36
■ BA892	8k*	SP000745042	BA892H6127XTSA1	SCD80	35	100	0.85	3	0.36
■ BA892	10k*	SP000734328	BA892H6433XTMA1	SCD80	35	100	0.85	3	0.36
BA892-02V	3k*	SP000745054	BA89202VH6327XTSA1	SC79	35	100	0.85	3	0.36
BA892-02V	8k*	SP000745052	BA89202VH6127XTSA1	SC79	35	100	0.85	3	0.36
■ BA895	3k*	SP000745062	BA895H6327XTSA1	SCD80	50	50	0.23	10	4.50
BAR14-1 (Dual)	3k*	SP000010164	BAR141E6327HTSA1	SOT23	100	140	0.25	50	7.00
BAR15-1 (Dual)	3k*	SP000010163	BAR151E6327HTSA1	SOT23	100	140	0.25	50	7.00
BAR16-1 (Dual)	3k*	SP000010165	BAR161E6327HTSA1	SOT23	100	140	0.25	50	7.00
BAR61 (Triple)	3k*	SP000010169	BAR61E6327HTSA1	SOT143	100	140	0.25	50	7.00
BAT18-04 (Dual)	3k*	SP000010290	BAT1804E6327HTSA1	SOT23	35	100	0.92	1	0.36
BAT18-05 (Dual)	3k*	SP000010291	BAT1805E6327HTSA1	SOT23	35	100	0.92	1	0.36

* order unit

SMD = Surface Mounted Device

RF & Protection Devices

Type	Ordering Code	Orderable Part Number	Package	Characteristics		
				V_{RWM} V	<i>EFT</i> IEC61000-4-4 A	V_{ESD} IEC61000-4-2 kV

ESD and EMI Protection Devices and Filters

TVS Diodes for ESD/Transient Protection in Human Interface Devices (keypad, keyboard, touchpad, buttons, etc.) (cont'd)

Implementation of these devices in some other application categories is possible. Please consult your Infineon Sales contact.

▼ ESD300-B1-02LRH	15k*	SP001090470	ESD300B102LRHE6327XTSA1	TSLP-2-21	±3.3	n.a.	±30
▼ ESD200-B1-CSP0201	15k*	SP000992756	ESD200B1CSP0201XTSA1	WLL-2-1	±5.5	n.a.	±16
▼ ESD203-B1-02EL	15k*	SP001112360	ESD203B102ELE6327XTMA1	TSLP-2-20	±12	50	±30
▼ ESD203-B1-02ELS	15k*	SP001117372	ESD203B102ELSE6327XTSA1	TSSLP-2-3	±12	50	±30
▼ ESD204-B1-02EL	15k*	SP001113390	ESD204B102ELE6327XTMA1	TSLP-2-20	-8/+14	40	±20
▼ ESD204-B1-02ELS	15k*	SP001061700	ESD204B102ELSE6327XTSA1	TSSLP-2-3	-8/+14	40	±20
ESD205-B1-02ELS	15k*	SP001014496	ESD205B102ELSE6327XTSA1	TSSLP-2-3	±5.5	40	±20
▼ ESD206-B1-02EL	15k*	SP001123720	ESD206B102ELE6327XTMA1	TSLP-2-20	±5.5	50	±30
▼ ESD206-B1-02ELS	15k*	SP001117378	ESD206B102ELSE6327XTSA1	TSSLP-2-3	±5.5	50	±30
▼ ESD206-B1-02V	15k*	SP001107442	ESD206B102VE6327XTSA1	SC79	±5.5	50	±30
▼ ESD207-B1-02EL	15k*	SP001112362	ESD207B102ELE6327XTMA1	TSLP-2-20	±3.3	40	±30
▼ ESD207-B1-02ELS	15k*	SP001109118	ESD207B102ELSE6327XTSA1	TSSLP-2-3	±3.3	40	±30
▼ ESD208-B1-02EL	15k*	SP001139550	ESD208B102ELE6327XTMA1	TSLP-2-20	±3.3	80	±30
▼ ESD208-B1-02ELS	15k*	SP001131980	ESD208B102ELSE6327XTSA1	TSSLP-2-3	±3.3	80	±30

TVS Diodes for ESD Surge Protection (Gigabit Ethernet)

Implementation of these devices in some other application categories is possible. Please consult your Infineon Sales contact.

■ ESD5V5S1B-02LRH	15k*	SP001024008	ESD5V5S1B02LRHE6327XTSA1	TSLP-2-17	5.5	12	±30
TVS3V3L4U	3k*	SP000942748	TVS3V3L4UE6327HTSA1	SC74	3.3	80	±30
▼ ESD300-B1-02LRH	15k*	SP001090470	ESD300B102LRHE6327XTSA1	TSLP-2-21	±3.3	n.a.	±30
ESD5V0S1U-03W	3k*	SP000205608	ESD5V0S1U03WE6327HTSA1	SOD323	5	80	±30
ESD5V0S2U-06	3k*	SP000205610	ESD5V0S2U06E6327HTSA1	SOT23	5	80	±30
ESD5V0S4US	3k*	SP000753522	ESD5V0S4USH6327XTSA1	SOT363	5	80	±30
ESD5V0S5US	3k*	SP000753524	ESD5V0S5USH6327XTSA1	SOT363	5	80	±30

TVS Diode for ESD/Transient Protection in Wireline Communication Applications (ADSL, VDSL)

DSL70	3k*	SP000362209	DSL70E6327HTSA1	SOT143	50	80	15
-------	-----	-------------	-----------------	--------	----	----	----

7-Line ESD and EMI Interface Protection Device

▼ BGF148	7.5k*	SP001033192	BGF148E6327XTSA1	TSNP-14-2	6.5	n.a.	±15
----------	-------	-------------	------------------	-----------	-----	------	-----

* order unit

SMD = Surface Mounted Device

General Purpose Diodes & Transistors

Type	Ordering Code	Orderable Part Number	Package	Maximum Ratings		Characteristics ($T_A = 25^\circ\text{C}$)			
				V_{CEO}	I_{CM}	h_{FE}	at	I_{C}	V_{CE}
				V	mA			mA	V

General Purpose Transistors

Single $I_{\text{C}} \leq 100\text{mA}$

BC847A	3k*	SP000010571	BC847AE6327HTSA1	SOT23	45	200	110 ... 220	2	5
BC847B	3k*	SP000010559	BC847BE6327HTSA1	SOT23	45	200	200 ... 450	2	5
BC847B	10k*	SP000010576	BC847BE6433HTMA1	SOT23	45	200	200 ... 450	2	5
BC847BL3	15k*	SP000013553	BC847BL3E6327XTMA1	TSLP-3-1	45	200	200 ... 450	2	5
BC847BW	3k*	SP000746930	BC847BWH6327XTSA1	SOT323	45	200	200 ... 450	2	5
BC847BW	10k*	SP000746932	BC847BWH6433XTMA1	SOT323	45	200	200 ... 450	2	5
BC847C	3k*	SP000010565	BC847CE6327HTSA1	SOT23	45	200	420 ... 800	2	5
BC847C	10k*	SP000010590	BC847CE6433HTMA1	SOT23	45	200	420 ... 800	2	5
BC847CW	3k*	SP000746934	BC847CWH6327XTSA1	SOT323	45	200	420 ... 800	2	5
BC847CW	3k*	SP000747286	BC847CWH6778XTSA1	SOT323	45	200	420 ... 800	2	5
BC847CW	10k*	SP000747284	BC847CWH6433XTMA1	SOT323	45	200	420 ... 800	2	5
BC848A	3k*	SP000010568	BC848AE6327HTSA1	SOT23	30	200	110 ... 220	2	5
BC848B	3k*	SP000010561	BC848BE6327HTSA1	SOT23	30	200	200 ... 450	2	5
BC848B	10k*	SP000010581	BC848BE6433HTMA1	SOT23	30	200	200 ... 450	2	5
BC848BL3	15k*	SP000013554	BC848BL3E6327XTMA1	TSLP-3-1	30	200	200 ... 450	2	5
BC848BW	3k*	SP000747410	BC848BWH6327XTSA1	SOT323	30	200	200 ... 450	2	5
BC848C	3k*	SP000010552	BC848CE6327HTSA1	SOT23	30	200	420 ... 800	2	5
BC848C	10k*	SP000010582	BC848CE6433HTMA1	SOT23	30	200	420 ... 800	2	5
BC848CW	3k*	SP000747412	BC848CWH6327XTSA1	SOT323	30	200	420 ... 800	2	5
BC849B	3k*	SP000010567	BC849BE6327HTSA1	SOT23	30	200	200 ... 450	2	5
BC849C	3k*	SP000010564	BC849CE6327HTSA1	SOT23	30	200	420 ... 800	2	5
BC849CW	3k*	SP000747414	BC849CWH6327XTSA1	SOT323	30	200	420 ... 800	2	5
BC850B	3k*	SP000010572	BC850BE6327HTSA1	SOT23	45	200	200 ... 450	2	5
BC850BW	3k*	SP000747416	BC850BWH6327XTSA1	SOT323	45	200	200 ... 450	2	5
BC850C	3k*	SP000010563	BC850CE6327HTSA1	SOT23	45	200	420 ... 800	2	5
BC850CW	3k*	SP000747418	BC850CWH6327XTSA1	SOT323	45	200	420 ... 800	2	5
BC857A	3k*	SP000010639	BC857AE6327HTSA1	SOT23	45	200	125 ... 250	2	5
BC857B	3k*	SP000010633	BC857BE6327HTSA1	SOT23	45	200	220 ... 475	2	5
BC857B	10k*	SP000010648	BC857BE6433HTMA1	SOT23	45	200	220 ... 475	2	5
BC857BL3	3k*	SP000013556	BC857BL3E6327XTMA1	TSLP-3-1	45	200	220 ... 475	2	5
BC857BW	3k*	SP000747448	BC857BWH6327XTSA1	SOT323	45	200	220 ... 475	2	5
BC857BW	3k*	SP000747450	BC857BWH6778XTSA1	SOT323	45	200	220 ... 475	2	5
BC857C	3k*	SP000010640	BC857CE6327HTSA1	SOT23	45	200	420 ... 800	2	5
BC857C	10k*	SP000010660	BC857CE6433HTMA1	SOT23	45	200	420 ... 800	2	5
BC857CW	3k	SP000747452	BC857CWH6327XTSA1	SOT323	45	200	420 ... 800	2	5
BC857CW	10k*	SP000747454	BC857CWH6433XTMA1	SOT323	45	200	420 ... 800	2	5
BC858A	3k*	SP000010636	BC858AE6327HTSA1	SOT23	30	200	125 ... 250	2	5
BC858B	3k	SP000010634	BC858BE6327HTSA1	SOT23	30	200	220 ... 475	2	5
BC858B	10k*	SP000010652	BC858BE6433HTMA1	SOT23	30	200	220 ... 475	2	5
BC858BW	3k	SP000747582	BC858BWH6327XTSA1	SOT323	30	200	220 ... 475	2	5
BC858C	3k	SP000010624	BC858CE6327HTSA1	SOT23	30	200	420 ... 800	2	5
BC858C	10k*	SP000010654	BC858CE6433HTMA1	SOT23	30	200	420 ... 800	2	5
BC858CW	3k	SP000747584	BC858CWH6327XTSA1	SOT323	30	200	420 ... 800	2	5
BC859C	3k	SP000010637	BC859CE6327HTSA1	SOT23	30	200	420 ... 800	2	5

* order unit

SMD = Surface Mounted Device

Type	Ordering Code	Orderable Part Number	Package	Maximum Ratings		Characteristics ($T_A = 25^\circ\text{C}$)	
				V_R	I_F	V_F	at I_F
				V	mA	V	mA

General Purpose Diodes

$I_{F(\text{max})} \leq 1000\text{mA}$

BAW78D	1k*	SP000010370	BAW78DE6327HTSA1	SOT89	400	1000	≤ 2.00	2000
BAW79D (Dual)	1k*	SP000014594	BAW79DE6327HTSA1	SOT89	400	1000	≤ 2.00	2000

Low Leakage

BAS116	3k*	SP000010194	BAS116E6327HTSA1	SOT23	75	250	≤ 1.25	150
BAS116	10k*	SP000010196	BAS116E6433HTMA1	SOT23	75	250	≤ 1.25	150
BAV170 (Dual)	3k*	SP000010325	BAV170E6327HTSA1	SOT23	80	200	≤ 1.25	150
BAV170 (Dual)	10k*	SP000010332	BAV170E6433HTMA1	SOT23	80	200	≤ 1.25	150
BAV199 (Dual)	3k*	SP000010326	BAV199E6327HTSA1	SOT23	80	200	≤ 1.25	150
BAV199 (Dual)	10k*	SP000010330	BAV199E6433HTMA1	SOT23	80	200	≤ 1.25	150
BAW156 (Dual)	3k*	SP000010327	BAW156E6327HTSA1	SOT23	80	20	≤ 1.25	150

Bridge Rectifier

BGX50 A	3k*	SP000011092	BGX50AE6327HTSA1	SOT143	50	140	≤ 1.30	100
BAS3007A-RPP	3k*	SP000356003	BAS3007ARPPE6327HTSA1	SOT143	30	350	≤ 0.40	100
BAS4002A-RPP	3k*	SP000443736	BAS4002ARPPE6327HTSA1	SOT143	40	200	≤ 0.62	100

* order unit

SMD = Surface Mounted Device

Summary of Types

Type	Ordering Code	Orderable Part Number	Page	Type	Ordering Code	Orderable Part Number	Page
IPA60R520E6	SP000797614	IPA60R520E6XKSA1	110	IPB067N08N3 G	SP000443636	IPB067N08N3GATMA1	97
IPA60R600C6	SP000660624	IPA60R600C6XKSA1	106	IPB072N15N3 G	SP000386664	IPB072N15N3GATMA1	100
IPA60R600CP	SP000405884	IPA60R600CPXKSA1	108	IPB080N03L G	SP000304104	IPB080N03LGATMA1	92
IPA60R600E6	SP000797298	IPA60R600E6XKSA1	110	IPB081N06L3 G	SP000398076	IPB081N06L3GATMA1	95
IPA60R600P6	SP001017070	IPA60R600P6XKSA1	110	IPB083N10N3 G	SP000458812	IPB083N10N3GATMA1	98
IPA60R750E6	SP000842480	IPA60R750E6XKSA1	110	IPB090N06N3 G	SP000398042	IPB090N06N3GATMA1	95
IPA60R950C6	SP000629360	IPA60R950C6XKSA1	106	IPB096N03L G	SP000254711	IPB096N03LGATMA1	92
IPA65R045C7	SP001080092	IPA65R045C7XKSA1	112	IPB097N08N3 G	SP000474200	IPB097N08N3GATMA1	97
IPA65R065C7	SP001080114	IPA65R065C7XKSA1	112	IPB100N04S2-04	SP000219061	IPB100N04S204ATMA1	80
IPA65R095C7	SP001080126	IPA65R095C7XKSA1	112	IPB100N04S2L-03	SP000219065	IPB100N04S2L03ATMA1	80
IPA65R099C6	SP000895220	IPA65R099C6XKSA1	111	IPB100N04S3-03	SP000260847	IPB100N04S303ATMA1	80
IPA65R110CFD	SP000895230	IPA65R110CFDXKSA1	113	IPB100N04S4-02D	SP000850458	IPB100N04S402DXTMA1	80
IPA65R125C7	SP001080136	IPA65R125C7XKSA1	112	IPB100N04S4-H2	SP000711274	IPB100N04S4H2ATMA1	80
IPA65R150CFD	SP000907026	IPA65R150CFDXKSA1	113	IPB100N06S2-05	SP000218874	IPB100N06S205ATMA1	82
IPA65R190C6	SP000863892	IPA65R190C6XKSA1	111	IPB100N06S2L-05	SP000219003	IPB100N06S2L05ATMA1	82
IPA65R190C7	SP001080140	IPA65R190C7XKSA1	112	IPB100N08S2-07	SP000219044	IPB100N08S207ATMA1	85
IPA65R190CFD	SP000905382	IPA65R190CFDXKSA1	113	IPB100N08S2L-07	SP000219053	IPB100N08S2L07ATMA1	85
IPA65R190E6	SP000863904	IPA65R190E6XKSA1	114	IPB100N10S3-05	SP000261243	IPB100N10S305ATMA1	86
IPA65R225C7	SP001080144	IPA65R225C7XKSA1	112	IPB107N20N3 G	SP000676406	IPB107N20N3GATMA1	101
IPA65R280C6	SP000720898	IPA65R280C6XKSA1	111	IPB107N20NA	SP000877674	IPB107N20NAATMA1	101
IPA65R280E6	SP000795276	IPA65R280E6XKSA1	114	IPB108N15N3 G	SP000677862	IPB108N15N3GATMA1	100
IPA65R310CFD	SP000890320	IPA65R310CFDXKSA1	113	IPB120N04S3-02	SP000261216	IPB120N04S302ATMA1	80
IPA65R380C6	SP000720896	IPA65R380C6XKSA1	111	IPB120N04S4-01	SP000705700	IPB120N04S401ATMA1	80
IPA65R380E6	SP000795282	IPA65R380E6XKSA1	114	IPB120N04S4-02	SP000764726	IPB120N04S402ATMA1	80
IPA65R420CFD	SP000890322	IPA65R420CFDXKSA1	113	IPB120N06S4-02	SP000415560	IPB120N06S402ATMA1	83
IPA65R600C6	SP000850502	IPA65R600C6XKSA1	111	IPB120N06S4-02	SP001028776	IPB120N06S402ATMA2	83
IPA65R600E6	SP000799140	IPA65R600E6XKSA1	114	IPB120N06S4-03	SP000415558	IPB120N06S403ATMA1	83
IPA65R660CFD	SP000838284	IPA65R660CFDXKSA1	113	IPB120N06S4-03	SP001028770	IPB120N06S403ATMA2	83
IPA90R1K0C3	SP000413712	IPA90R1K0C3XKSA1	115	IPB120N06S4-H1	SP000396274	IPB120N06S4H1ATMA1	83
IPA90R1K2C3	SP000413714	IPA90R1K2C3XKSA1	115	IPB120N06S4-H1	SP001028782	IPB120N06S4H1ATMA2	83
IPA90R340C3	SP000415916	IPA90R340C3XKSA1	115	IPB120P04P4-04	SP000842270	IPB120P04P404ATMA1	88
IPA90R500C3	SP000413716	IPA90R500C3XKSA1	115	IPB120P04P4L-03	SP000842284	IPB120P04P4L03ATMA1	88
IPA90R800C3	SP000413718	IPA90R800C3XKSA1	115	IPB123N10N3 G	SP000485968	IPB123N10N3GATMA1	98
IPB009N03L G	SP000394657	IPB009N03LGATMA1	92	IPB136N08N3 G	SP000447512	IPB136N08N3GATMA1	97
IPB010N06N	SP000917410	IPB010N06NATMA1	95	IPB144N12N3 G	SP000694166	IPB144N12N3GATMA1	100
IPB011N04L G	SP000391498	IPB011N04LGATMA1	94	IPB147N03L G	SP000254712	IPB147N03LGATMA1	92
IPB011N04N G	SP000388298	IPB011N04NGATMA1	94	IPB160N04S2-03	SP000218151	IPB160N04S203ATMA1	80
IPB014N06N	SP000917408	IPB014N06NATMA1	95	IPB160N04S2L-03	SP000218153	IPB160N04S2L03ATMA1	80
IPB015N04L G	SP000387948	IPB015N04LGATMA1	94	IPB160N04S3-H2	SP000254818	IPB160N04S3H2ATMA1	80
IPB015N04N G	SP000391522	IPB015N04NGATMA1	94	IPB160N04S4-02D	SP000850452	IPB160N04S402DXTMA1	80
IPB016N06L3 G	SP000453040	IPB016N06L3GATMA1	95	IPB160N04S4-H1	SP000711252	IPB160N04S4H1ATMA1	86
IPB017N06N3 G	SP000434404	IPB017N06N3GATMA1	95	IPB17N25S3-100	SP000876560	IPB17N25S3100ATMA1	86
IPB019N06L3 G	SP000453020	IPB019N06L3GATMA1	95	IPB180N03S4L-01	SP000555002	IPB180N03S4L01ATMA1	79
IPB019N08N3 G	SP000444110	IPB019N08N3GATMA1	97	IPB180N03S4L-H	SP000555050	IPB180N03S4LH0ATMA1	79
IPB020N04N G	SP000359157	IPB020N04NGATMA1	94	IPB180N04S3-02	SP000254821	IPB180N04S302ATMA1	80
IPB020NE7N3 G	SP000676950	IPB020NE7N3GATMA1	97	IPB180N04S4-00	SP000646176	IPB180N04S400ATMA1	80
IPB025N08N3 G	SP000311980	IPB025N08N3GATMA1	97	IPB180N04S4-H0	SP000711248	IPB180N04S4H0ATMA1	80
IPB025N10N3 G	SP000469888	IPB025N10N3GATMA1	98	IPB180N04S4-H1	SP000705694	IPB180N04S401ATMA1	80
IPB025N10N3 G	SP000939338	IPB025N10N3GE8187ATMA1	98	IPB180N06S4-H1	SP000415562	IPB180N06S4H1ATMA1	83
IPB026N06N	SP000962142	IPB026N06NATMA1	95	IPB180N06S4-H1	SP001028786	IPB180N06S4H1ATMA2	83
IPB027N10N3 G	SP000506508	IPB027N10N3GATMA1	98	IPB180N10S4-02	SP001057184	IPB180N10S402ATMA1	86
IPB029N06N3 G	SP000453052	IPB029N06N3GATMA1	95	IPB180P04P4-03	SP000842022	IPB180P04P403ATMA1	88
IPB029N06N3 G	SP000939334	IPB029N06N3GE8187ATMA1	95	IPB180P04P4L-02	SP000709460	IPB180P04P4L02ATMA1	88
IPB030N08N3 G	SP000444100	IPB030N08N3GATMA1	97	IPB200N15N3 G	SP000414740	IPB200N15N3GATMA1	100
IPB031NE7N3 G	SP000641730	IPB031NE7N3GATMA1	97	IPB200N25N3 G	SP000677896	IPB200N25N3GATMA1	101
IPB034N03L G	SP000304126	IPB034N03LGATMA1	92	IPB22N03S4L-15	SP000275308	IPB22N03S4L15ATMA1	79
IPB034N06L3 G	SP000398062	IPB034N06L3GATMA1	95	IPB320N20N3 G	SP000691172	IPB320N20N3GATMA1	101
IPB035N08N3 G	SP000457588	IPB035N08N3GATMA1	97	IPB35N10S3L-26	SP000776044	IPB35N10S3L26ATMA1	86
IPB036N12N3 G	SP000675204	IPB036N12N3GATMA1	100	IPB45N04S4-08	SP000711444	IPB45N04S4L08ATMA1	80
IPB037N06N3 G	SP000397986	IPB037N06N3GATMA1	95	IPB45N06S4-09	SP000374315	IPB45N06S409ATMA1	83
IPB038N12N3 G	SP000694160	IPB038N12N3GATMA1	100	IPB45N06S4-09	SP001028652	IPB45N06S409ATMA2	83
IPB039N10N3 G	SP000482428	IPB039N10N3GATMA1	98	IPB45N06S4L-08	SP000374316	IPB45N06S4L08ATMA1	83
IPB039N10N3 G	SP000939340	IPB039N10N3GE8187ATMA1	98	IPB45N06S4L-08	SP001028654	IPB45N06S4L08ATMA2	83
IPB042N03L G	SP000304124	IPB042N03LGATMA1	92	IPB45P03P4L-11	SP000396276	IPB45P03P4L11ATMA1	89
IPB042N10N3 G	SP000446880	IPB042N10N3GATMA1	98	IPB47N10S-33	SP000225702	IPB47N10S33ATMA1	86
IPB042N10N3 G	SP000939332	IPB042N10N3GE8187ATMA1	98	IPB47N10SL-26	SP000225701	IPB47N10SL26ATMA1	86
IPB049NE7N3 G	SP000641752	IPB049NE7N3GATMA1	97	IPB50N10S3L-16	SP000386183	IPB50N10S3L16ATMA1	86
IPB054N06N3 G	SP000446782	IPB054N06N3GATMA1	95	IPB50R140CP	SP000212746	IPB50R140CPATMA1	104
IPB054N08N3 G	SP000395166	IPB054N08N3GATMA1	97	IPB50R199CP	SP000236092	IPB50R199CPATMA1	104
IPB055N03L G	SP000304110	IPB055N03LGATMA1	92	IPB50R250CP	SP000236093	IPB50R250CPATMA1	104
IPB057N06N	SP000962140	IPB057N06NATMA1	95	IPB50R299CP	SP000236094	IPB50R299CPATMA1	104
IPB065N03L G	SP000254709	IPB065N03LGATMA1	92	IPB530N15N3 G	SP000521718	IPB530N15N3GATMA1	100
IPB065N15N3 G	SP000521724	IPB065N15N3GATMA1	100	IPB600N25N3 G	SP000676408	IPB600N25N3GATMA1	101

Summary of Types

Type	Ordering Code	Orderable Part Number	Page	Type	Ordering Code	Orderable Part Number	Page
IPB60R099C6	SP000687468	IPB60R099C6ATMA1	106	IPB80N06S2L-11	SP000218177	IPB80N06S2L11ATMA1	82
IPB60R099CP	SP000088490	IPB60R099CPATMA1	108	IPB80N06S2L-H5	SP000219068	IPB80N06S2LH5ATMA1	82
IPB60R099CPA	SP000315443	IPB60R099CPAATMA1	87	IPB80N06S4-05	SP000415566	IPB80N06S405ATMA1	83
IPB60R125C6	SP000687456	IPB60R125C6ATMA1	106	IPB80N06S4-05	SP001028718	IPB80N06S405ATMA2	83
IPB60R125CP	SP000297368	IPB60R125CPATMA1	108	IPB80N06S4-07	SP000415568	IPB80N06S407ATMA1	83
IPB60R160C6	SP000687552	IPB60R160C6ATMA1	106	IPB80N06S4-07	SP001028672	IPB80N06S407ATMA2	83
IPB60R165CP	SP000096439	IPB60R165CPATMA1	108	IPB80N06S4L-05	SP000415570	IPB80N06S4L05ATMA1	83
IPB60R190C6	SP000641916	IPB60R190C6ATMA1	106	IPB80N06S4L-05	SP001028720	IPB80N06S4L05ATMA2	83
IPB60R199CP	SP000223256	IPB60R199CPATMA1	108	IPB80N06S4L-07	SP000415572	IPB80N06S4L07ATMA1	83
IPB60R199CPA	SP000539966	IPB60R199CPAATMA1	87	IPB80N06S4L-07	SP001028674	IPB80N06S4L07ATMA2	83
IPB60R250CP	SP000358140	IPB60R250CPATMA1	108	IPB80N08S2-07	SP000219048	IPB80N08S207ATMA1	85
IPB60R280C6	SP000876550	IPB60R280C6ATMA1	106	IPB80N08S2L-07	SP000219051	IPB80N08S2L07ATMA1	85
IPB60R299CP	SP000301161	IPB60R299CPATMA1	108	IPB80P03P4-05	SP000396282	IPB80P03P405ATMA1	89
IPB60R299CPA	SP000539970	IPB60R299CPAATMA1	87	IPB80P03P4L-04	SP000396284	IPB80P03P4L04ATMA1	89
IPB60R380C6	SP000660634	IPB60R380C6ATMA1	106	IPB80P03P4L-07	SP000396288	IPB80P03P4L07ATMA1	89
IPB60R385CP	SP000228365	IPB60R385CPATMA1	108	IPB80P04P4-05	SP000652618	IPB80P04P405ATMA1	88
IPB60R520CP	SP000405868	IPB60R520CPATMA1	108	IPB80P04P4-07	SP000842038	IPB80P04P407ATMA1	88
IPB60R600C6	SP000660626	IPB60R600C6ATMA1	106	IPB80P04P4L-04	SP000840196	IPB80P04P4L04ATMA1	88
IPB60R600CP	SP000405892	IPB60R600CPATMA1	108	IPB80P04P4L-06	SP000842046	IPB80P04P4L06ATMA1	88
IPB60R950C6	SP000660620	IPB60R950C6ATMA1	106	IPB80P04P4L-08	SP000840208	IPB80P04P4L08ATMA1	88
IPB64N25S3-20	SP000876596	IPB64N25S320ATMA1	86	IPB90N04S4-02	SP000646182	IPB90N04S402ATMA1	80
IPB65R045C7	SP000929420	IPB65R045C7ATMA1	112	IPB90N06S4-04	SP000379632	IPB90N06S404ATMA1	83
IPB65R065C7	SP001080110	IPB65R065C7ATMA1	112	IPB90N06S4-04	SP001028754	IPB90N06S404ATMA2	83
IPB65R095C7	SP001080124	IPB65R095C7ATMA1	112	IPB90N06S4L-04	SP000415574	IPB90N06S4L04ATMA1	83
IPB65R099C6	SP000895224	IPB65R099C6ATMA1	111	IPB90N06S4L-04	SP001028756	IPB90N06S4L04ATMA2	83
IPB65R110CFD	SP000896400	IPB65R110CFDATMA1	113	IPB90R340C3	SP000944226	IPB90R340C3ATMA1	115
IPB65R110CFDA	SP000896402	IPB65R110CFDAATMA1	87	IPD025N06N	SP000988276	IPD025N06NATMA1	95
IPB65R125C7	SP001080134	IPB65R125C7ATMA1	112	IPD031N03L G	SP000680554	IPD031N03LGATMA1	92
IPB65R150CFD	SP000907034	IPB65R150CFDATMA1	113	IPD031N06L3 G	SP000451076	IPD031N06L3GATMA1	95
IPB65R150CFDA	SP000928270	IPB65R150CFDAATMA1	87	IPD034N06N3 G	SP000451070	IPD034N06N3GATMA1	95
IPB65R190C6	SP000863890	IPB65R190C6ATMA1	111	IPD036N04L G	SP000387945	IPD036N04LGBTMA1	94
IPB65R190C7	SP000929424	IPB65R190C7ATMA1	112	IPD038N06N3 G	SP000397994	IPD038N06N3GATMA1	95
IPB65R190CFD	SP000905378	IPB65R190CFDATMA1	113	IPD040N03L G	SP000680628	IPD040N03LGATMA1	92
IPB65R190CFDA	SP000928264	IPB65R190CFDAATMA1	87	IPD042P03L3 G	SP000473922	IPD042P03L3GBTMA1	117
IPB65R225C7	SP000992480	IPB65R225C7ATMA1	112	IPD048N06L3 G	SP000453334	IPD048N06L3GBTMA1	95
IPB65R280C6	SP000745030	IPB65R280C6ATMA1	111	IPD050N03L G	SP000680630	IPD050N03LGATMA1	92
IPB65R280E6	SP000795274	IPB65R280E6ATMA1	114	IPD053N06N	SP000962138	IPD053N06NATMA1	96
IPB65R310CFD	SP000745032	IPB65R310CFDATMA1	113	IPD053N08N3 G	SP000395183	IPD053N08N3GBTMA1	97
IPB65R310CFDA	SP000879440	IPB65R310CFDAATMA1	87	IPD060N03L G	SP000680632	IPD060N03LGATMA1	92
IPB65R380C6	SP000785084	IPB65R380C6ATMA1	111	IPD068N10N3 G	SP000469892	IPD068N10N3GBTMA1	99
IPB65R420CFD	SP000890680	IPB65R420CFDATMA1	113	IPD068P03L3 G	SP000472988	IPD068P03L3GBTMA1	117
IPB65R600C6	SP000794382	IPB65R600C6ATMA1	111	IPD075N03L G	SP000680634	IPD075N03LGATMA1	92
IPB65R660CFD	SP000861698	IPB65R660CFDATMA1	113	IPD079N06L3 G	SP000453626	IPD079N06L3GBTMA1	96
IPB65R660CFDA	SP000875794	IPB65R660CFDAATMA1	87	IPD082N10N3 G	SP000485986	IPD082N10N3GBTMA1	99
IPB70N04S3-07	SP000279556	IPB70N04S307ATMA1	80	IPD088N06N3 G	SP000453620	IPD088N06N3GBTMA1	96
IPB70N04S4-06	SP000711476	IPB70N04S406ATMA1	80	IPD090N03L G	SP000680636	IPD090N03LGATMA1	92
IPB70N10S3-05	SP000261246	IPB70N10S312ATMA1	86	IPD096N08N3 G	SP000474196	IPD096N08N3GBTMA1	97
IPB70N10S3L-12	SP000379631	IPB70N10S3L12ATMA1	86	IPD100N04S4-02	SP000646184	IPD100N04S402ATMA1	80
IPB70N10SL-16	SP000225700	IPB70N10SL16ATMA1	86	IPD100N06S4-03	SP000415576	IPD100N06S403ATMA1	83
IPB70P04P4-09	SP000735964	IPB70P04P409ATMA1	88	IPD100N06S4-03	SP001028766	IPD100N06S403ATMA2	83
IPB77N06S2-12	SP000218173	IPB77N06S212ATMA1	82	IPD105N03L G	SP000254717	IPD105N03LGBTMA1	92
IPB80N03S4L-02	SP000273282	IPB80N03S4L02ATMA1	79	IPD105N03L G	SP000796910	IPD105N03LGATMA1	92
IPB80N03S4L-03	SP000274982	IPB80N03S4L03ATMA1	79	IPD110N12N3 G	SP000674466	IPD110N12N3GBUMA1	100
IPB80N04S2-04	SP000218154	IPB80N04S204ATMA1	80	IPD122N10N3 G	SP000485966	IPD122N10N3GBTMA1	99
IPB80N04S2-H4	SP000218165	IPB80N04S2H4ATMA1	80	IPD127N06L G	SP000443740	IPD127N06LGBTMA1	96
IPB80N04S2L-03	SP000220158	IPB80N04S2L03ATMA1	80	IPD12CN10N G	SP000096476	IPD12CN10NGBUMA1	99
IPB80N04S3-03	SP000260848	IPB80N04S303ATMA1	80	IPD135N03L G	SP000236951	IPD135N03LGBTMA1	92
IPB80N04S3-04	SP000261217	IPB80N04S304ATMA1	80	IPD135N03L G	SP000796912	IPD135N03LGATMA1	92
IPB80N04S3-06	SP000254822	IPB80N04S306ATMA1	80	IPD135N08N3 G	SP000454266	IPD135N08N3GBTMA1	97
IPB80N04S3-H4	SP000415564	IPB80N04S3H4ATMA1	80	IPD14N06S2-80	SP000252161	IPD14N06S280ATMA1	82
IPB80N04S4-03	SP000671628	IPB80N04S403ATMA1	80	IPD15N06S2L-64	SP000252162	IPD15N06S2L64ATMA1	82
IPB80N04S4-04	SP000646178	IPB80N04S404ATMA1	80	IPD180N10N3 G	SP000482438	IPD180N10N3GBTMA1	99
IPB80N04S4L-04	SP000646180	IPB80N04S4L04ATMA1	80	IPD200N15N3 G	SP000386665	IPD200N15N3GBTMA1	100
IPB80N06S2-05	SP000218877	IPB80N06S205ATMA1	82	IPD220N06L3 G	SP000453644	IPD220N06L3GBTMA1	96
IPB80N06S2-07	SP000218818	IPB80N06S207ATMA1	82	IPD22N08S2L-50	SP000252163	IPD22N08S2L50ATMA1	85
IPB80N06S2-08	SP000218830	IPB80N06S208ATMA1	82	IPD25CN10N G	SP000096456	IPD25CN10NGBUMA1	99
IPB80N06S2-09	SP000218741	IPB80N06S209ATMA1	82	IPD25N06S2-40	SP000252164	IPD25N06S240ATMA1	82
IPB80N06S2-H5	SP000377048	IPB80N06S2H5AUMA1	82	IPD25N06S4L-30	SP000481508	IPD25N06S4L30ATMA1	84
IPB80N06S2-H5	SP000218162	IPB80N06S2H5ATMA1	82	IPD25N06S4L-30	SP001028636	IPD25N06S4L30ATMA2	84
IPB80N06S2L-05	SP000219004	IPB80N06S2L05ATMA1	82	IPD26N06S2L-35	SP000252165	IPD26N06S2L35ATMA1	82
IPB80N06S2L-06	SP000218163	IPB80N06S2L06ATMA1	82	IPD30N03S2L-07	SP000254463	IPD30N03S2L07ATMA1	79
IPB80N06S2L-07	SP000218867	IPB80N06S2L07ATMA1	82	IPD30N03S2L-10	SP000254465	IPD30N03S2L10ATMA1	79
IPB80N06S2L-09	SP000218743	IPB80N06S2L09ATMA1	82	IPD30N03S2L-20	SP000254466	IPD30N03S2L20ATMA1	79

Summary of Types

Type	Ordering Code	Orderable Part Number	Page	Type	Ordering Code	Orderable Part Number	Page
SAB-C161O-LM HA-Step	SP000011587	C161OLMHABXUMA1	27	SAF-C505CA-4EM CA-Step	SP000106394	C505CA4EMCAFXQMA1	22
SAB-C161O-LM3V HA-Step	SP000011588	C161OLM3VHABXUMA1	27	SAF-C505CA-4EM CA-Step	SP000106395	C505CA4EMCAFXUMA1	22
SAB-C161PI-L25F CA-Step	SP000014362	C161PIL25FCABXUMA1	28	SAF-C505CA-LM CA-Step	SP000106669	C505CALMCAFXQMA1	22
SAB-C161PI-L25M CA-Step	SP000014367	C161PIL25MCABXUMA1	28	SAF-C505CA-LM CA-Step	SP000106390	C505CALMCAFXUMA1	22
SAB-C161PI-LF CA-Step	SP000014344	C161PILFCABXUMA1	28	SAF-C515C-8EM CA-Step	SP000106398	C515C8EMCAFXQMA1	22
SAB-C161PI-LF3V CA-Step	SP000014360	C161PILF3VCABXUMA1	28	SAF-C515C-8EM CA-Step	SP000106399	C515C8EMCAFXUMA1	22
SAB-C161PI-LM CA-Step	SP000014345	C161PILMCABXUMA1	28	SAF-C515C-8EM CA-Step	SP000106400	C515C8EMCAFXUMA2	22
SAB-C161PI-LM3V CA-Step	SP000014365	C161PILM3VCABXUMA1	28	SAF-XC161CJ-16F40F BB-Step	SP000280516	XC161CJ16F40FBBFXQMA1	23
SAB-C161S-L25M AA-Step	SP000014739	C161SL25MAABXUMA1	28	SAF-XC161CJ-16F40F BB-Step	SP000224537	XC161CJ16F40FBBFXUMA1	23
SAB-C161S-LM3V AA-Step	SP000014946	C161SLM3VAAABXUMA1	28	SAF-XC161CS-32F40F BB-A-Step	SP000224542	XC161CS32F40FBBAFXUMA1	23
SAB-C164CI-LM3V CA+-Step	SP000103494	C164CILM3VCABXUMA1	29	SAF-XC164CM-16F40F BA-Step	SP000258386	XC164CM16F40FBAFXQMA1	24
SAB-C165-L25F HA-Step	SP000011591	C165L25FHABFQMA1	30	SAF-XC164CM-8F40F AA-Step	SP000203865	XC164CM8F40FAAFXQMA1	23
SAB-C165-L25F HA-Step	SP000011592	C165L25FHABXUMA1	30	SAF-XC164CM-8F40F AA-Step	SP000065635	XC164CM8F40FAAFXUMA1	23
SAB-C165-L25M HA-Step	SP000011593	C165L25MHABXQMA1	30	SAF-XC164CS-16F40F BB-Step	SP000224553	XC164CS16F40FBBFXQMA1	24
SAB-C165-L25M HA-Step	SP000011594	C165L25MHABXUMA1	30	SAF-XC164CS-16F40F BB-Step	SP000224552	XC164CS16F40FBBFXUMA1	24
SAB-C165-LF HA-Step	SP000011595	C165LFHABXQMA1	30	SAF-XC164CS-32F40F BB-A-Step	SP000224593	XC164CS32F40FBBAFXQMA1	24
SAB-C165-LF HA-Step	SP000011596	C165LFHABXUMA1	30	SAF-XC167CI-32F40F BB-A-Step	SP000224592	XC164CS32F40FBBAFXUMA1	24
SAB-C165-LF3V HA-Step	SP000011597	C165LF3VHABXUMA1	30	SAF-XC167CI-16F40F BB-Step	SP000224690	XC167CI16F40FBBFXQMA1	25
SAB-C165-LM HA-Step	SP000011598	C165LMHABXQMA1	30	SAF-XC167CI-16F40F BB-Step	SP000224689	XC167CI16F40FBBFXUMA1	25
SAB-C165-LM HA-Step	SP000011599	C165LMHABXUMA1	30	SAF-XC167CI-32F40F BB-A-Step	SP000224703	XC167CI32F40FBBAFXQMA1	25
SAB-C167CR-LM HA+-Step	SP000103462	C167CRLMHABXQMA1	31	SAF-XC167CI-32F40F BB-A-Step	SP000224702	XC167CI32F40FBBAFXUMA1	25
SAB-C167CR-LM HA+-Step	SP000103463	C167CRLMHABXUMA1	31	SAF-XC2336A-56F80L AA-Step	SP000722428	XC2336A56F80LAAFXUMA1	57
SAB-C167CS-L40M CA+-Step	SP000103471	C167CSL40MCABXQMA1	32	SAF-XC2786X-96F66L AC-Step	SP000369364	XC2786X96F66LACKXUMA1	63
SAB-C167CS-L40M CA+-Step	SP000103468	C167CSL40MCABXUMA1	32	SAF-XC822-1FRA AA-Step	SP000873390	XC8221FRAAFXUMA1	11
SAB-C167CS-LM CA+-Step	SP000103483	C167CSLMCABXQMA1	31	SAF-XC822-1FRI AA-Step	SP000795354	XC8221FRIAAFXUMA1	11
SAB-C167CS-LM CA+-Step	SP000103484	C167CSLMCABXUMA1	31	SAF-XC822M-1FRI AA-Step	SP000771768	XC822M1FRIAAFXUMA1	11
SAB-C167SR-LM HA+-Step	SP000103456	C167SRLMHABXQMA1	32	SAF-XC822MT-1FRA AA-Step	SP000873396	XC822MT1FRAAFXUMA1	11
SAB-C167SR-LM HA+-Step	SP000103457	C167SRLMHABXUMA1	32	SAF-XC822MT-1FRI AA-Step	SP000795358	XC822MT1FRIAAFXUMA1	11
SAB-C505CA-4EM CA-Step	SP000106391	C505CA4EMCABXQMA1	22	SAF-XC822T-OFRI AA-Step	SP000795350	XC822TOFRIAAFXUMA1	11
SAB-C505CA-4EM CA-Step	SP000106392	C505CA4EMCABXUMA1	22	SAF-XC822T-1FRI AA-Step	SP000797572	XC822T1FRIAAFXUMA1	11
SAB2402EN1	SP000963776	SAB2402EN1XUMA2	161	SAF-XC836-2FRI AB-Step	SP000843562	XC8362FRIABFXUMA1	12
SAB2403EN1	SP000962100	SAB2403EN1XUMA1	161	SAF-XC836M-1FRI AB-Step	SP000843556	XC836M1FRIABFXUMA1	12
SAE0800G	SP000697948	SAE800GXLLA1	162	SAF-XC836M-2FRI AB-Step	SP000843558	XC836M2FRIABFXUMA1	12
SAF-C161CS-LF CA-Step	SP000106865	C161CSLFCAFXQMA1	26	SAF-XC836MT-2FRI AB-Step	SP000843560	XC836MT2FRIABFXUMA1	12
SAF-C161CS-LF CA-Step	SP000106866	C161CSLFCAFXUMA1	26	SAF-XC836T-2FRI AB-Step	SP000843554	XC836T2FRIABFXUMA1	12
SAF-C161K-LM HA-Step	SP000011620	C161KLMHAFXQMA1	27	SAF-XC866-1FRI AB-Step	SP000244527	XC8661FRIABFXUMA1	13
SAF-C161K-LM3V HA-Step	SP000011621	C161KLM3VHAFXUMA1	27	SAF-XC866-2FRI BE-Step	SP000281796	XC8662FRIABFXUMA1	13
SAF-C161O-LM HA-Step	SP000011622	C161OLMHAFXQMA1	27	SAF-XC866-2FRI BE-Step	SP000245777	XC8662FRIABFXUMA1	13
SAF-C161O-LM HA-Step	SP000011623	C161OLMHAFXUMA1	27	SAF-XC866-2FRI AB-Step	SP000232712	XC8662FRIABFXUMA1	14
SAF-C161O-LM3V HA-Step	SP000011624	C161OLM3VHAFXUMA1	27	SAF-XC866-4FRI BE-Step	SP000281799	XC8664FRIABFXUMA1	13
SAF-C161PI-L25F CA-Step	SP000014363	C161PIL25FCAFXUMA1	28	SAF-XC866-4FRI BE-Step	SP000245780	XC8664FRIABFXUMA1	14
SAF-C161PI-L25M CA-Step	SP000014368	C161PIL25MCAFXUMA1	28	SAF-XC866-4FRI AB-Step	SP000232710	XC8664FRIABFXUMA1	14
SAF-C161PI-LF CA-Step	SP000014359	C161PILFCAFXUMA1	28	SAF-XC878-13FFA 5V AC-Step	SP000756808	XC87813FFA5VACFXUMA1	16
SAF-C161PI-LF3V CA-Step	SP000014361	C161PILF3VCAFXUMA1	28	SAF-XC878-16FFI 5V AC-Step	SP000696772	XC87816FFI5VACFXUMA1	16
SAF-C161PI-LM CA-Step	SP000014364	C161PILMCAFXUMA1	28	SAF-XC878CM-16FFA 5V AC-Step	SP000772210	XC878CM16FFA5VACFXUMA1	16
SAF-C161PI-LM3V CA-Step	SP000014366	C161PILM3VCAFXUMA1	28	SAF-XC878CM-16FFI 3V3 AC-Step	SP000696786	XC878CM16FFI3V3ACFXUMA1	16
SAF-C161S-L25M AA-Step	SP000014947	C161SL25MAAFXUMA1	28	SAF-XC878CM-16FFI 5V AC-Step	SP000697980	XC878CM16FFI5VACFXUMA1	16
SAF-C161S-LM3V AA-Step	SP000014948	C161SLM3VAAAFXUMA1	28	SAF-XC878M-13FFI 3V3 AC-Step	SP000696774	XC878M13FFI3V3ACFXUMA1	16
SAF-C164CI-8E25M DB-Step	SP000104053	C164CI8E25MDBFXQMA1	29	SAF-XC878M-16FFI 3V3 AC-Step	SP000696778	XC878M16FFI3V3ACFXUMA1	16
SAF-C164CI-8E25M DB-Step	SP000104054	C164CI8E25MDBFXUMA1	29	SAF-XC878M-16FFI 5V AC-Step	SP000696780	XC878M16FFI5VACFXUMA1	16
SAF-C164CI-8EM CB-Step	SP000103498	C164CI8EMCBFXQMA1	29	SAF-XC886-6FFI 5V AC-Step	SP000607048	XC8866FFI5VACFXUMA1	17
SAF-C164CI-8EM CB-Step	SP000103499	C164CI8EMCBFXUMA1	29	SAF-XC886-8FFI 5V AC-Step	SP000607054	XC8868FFI5VACFXUMA1	17
SAF-C164CI-8EM DB-Step	SP000104055	C164CI8EMDBFXQMA1	29	SAF-XC886C-6FFA 5V AC-Step	SP000607068	XC886C6FFA5VACFXUMA1	17
SAF-C164CI-8EM DB-Step	SP000104056	C164CI8EMDBFXUMA1	29	SAF-XC886C-6FFI 3V3 AC-Step	SP000655548	XC886C6FFI3V3ACFXUMA1	17
SAF-C164CI-8RM CA-Step	SP000957756	C164CI8RMCAFXQMA1	29	SAF-XC886C-6FFI 5V AC-Step	SP000607056	XC886C6FFI5VACFXUMA1	17
SAF-C164CI-LM CA+-Step	SP000103495	C164CILMCAFXUMA1	29	SAF-XC886C-8FFI 5V AC-Step	SP000607010	XC886C8FFI5VACFXUMA1	17
SAF-C164CM-4EF AB-Step	SP000104062	C164CM4EFABFXUMA1	30	SAF-XC886CM-6RFA	SP000254732	XC886CM6RFAFXQMA1	18
SAF-C165-L25F HA-Step	SP000012870	C165L25FHAFXUMA1	30	SAF-XC886CM-8FFI 5V AC-Step	SP000607014	XC886CM8FFI5VACFXUMA1	19
SAF-C165-L25M HA-Step	SP000011629	C165L25MHAFXQMA1	30	SAF-XC886CM-8RFA AA-Step	SP000235443	XC886CM8RFAAAFXQMA1	19
SAF-C165-L25M HA-Step	SP000011630	C165L25MHAFXUMA1	30	SAF-XC886LM-6FFA 5V AC-Step	SP000657428	XC886LM6FFA5VACFXUMA1	19
SAF-C165-LF HA-Step	SP000011631	C165LFHAFXUMA1	30	SAF-XC886LM-6FFI 5V AC-Step	SP000607050	XC886LM6FFI5VACFXUMA1	19
SAF-C165-LF3V HA-Step	SP000011632	C165LF3VHAFXUMA1	30	SAF-XC886LM-8FFI 5V AC-Step	SP000607052	XC886LM8FFI5VACFXUMA1	19
SAF-C165-LM HA-Step	SP000011633	C165LMHAFXQMA1	30	SAF-XC888-6FFI 5V AC-Step	SP000607062	XC8886FFI5VACFXUMA1	20
SAF-C165-LM HA-Step	SP000011634	C165LMHAFXUMA1	30	SAF-XC888-8FFI 5V AC-Step	SP000646588	XC8888FFI5VACFXUMA1	20
SAF-C165-LM3V HA-Step	SP000011635	C165LM3VHAFXUMA1	30	SAF-XC888CLM-8FFI 5V AC-Step	SP000253397	XC888CLM8FFI5VACFXUMA1	20
SAF-C167CR-LM HA+-Step	SP000103464	C167CRLMHAFXQMA1	31	SAF-XC888CM-6RFA	SP000254746	XC888CM6RFAFXQMA1	21
SAF-C167CR-LM HA+-Step	SP000103465	C167CRLMHAFXUMA1	31	SAF-XC888CM-8FFI 3V3 AC-Step	SP000607084	XC888CM8FFI3V3ACFXUMA1	21
SAF-C167CS-L16M3V CA+-Step	SP000103469	C167CSL16M3VCAFXQMA1	31	SAF-XC888CM-8FFI 5V AC-Step	SP000655550	XC888CM8FFI5VACFXUMA1	21
SAF-C167CS-L16M3V CA+-Step	SP000103470	C167CSL16M3VCAFXUMA1	31	SAF-XC888CM-8RFA AA-Step	SP000245812	XC888CM8RFAAAFXQMA1	21
SAF-C167CS-L33M CA+-Step	SP000103485	C167CSL33MCAFXQMA1	31	SAF-XC888LM-6FFI 3V3 AC-Step	SP000307472	XC888LM6FFI3V3ACFXUMA1	21
SAF-C167CS-L33M CA+-Step	SP000103486	C167CSL33MCAFXUMA1	31	SAF-XC888LM-8FFI 5V AC-Step	SP000607064	XC888LM8FFI5VACFXUMA1	21
SAF-C167CS-LM CA+-Step	SP000103487	C167CSLMCAFXQMA1	31	SAF-XE160FU-4F66R AA-Step	SP000859274	XE160FU4F66RAAFXUMA1	33
SAF-C167CS-LM CA+-Step	SP000103488	C167CSLMCAFXUMA1	31	SAF-XE160FU-8F66R AA-Step	SP000859278	XE160FU8F66RAAFXUMA1	33