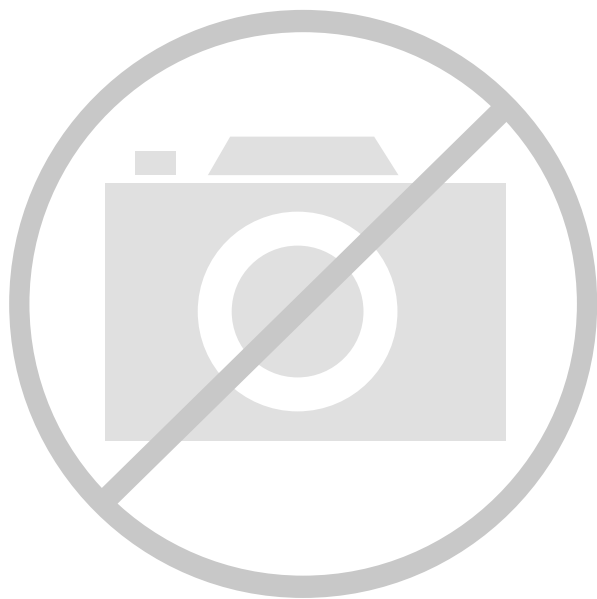




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What is "[Embedded - Microcontrollers](#)"?

"[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	TriCore™
Core Size	32-Bit Single-Core
Speed	150MHz
Connectivity	ASC, CANbus, EBI/EMI, FlexRay, MLI, MSC, SSC
Peripherals	DMA, POR, WDT
Number of I/O	221
Program Memory Size	3MB (3M x 8)
Program Memory Type	FLASH
EEPROM Size	64K x 8
RAM Size	224K x 8
Voltage - Supply (Vcc/Vdd)	1.42V ~ 1.58V
Data Converters	A/D 4x10b, 44x12b
Oscillator Type	External
Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	Surface Mount
Package / Case	416-BBGA
Supplier Device Package	PG-BGA-416-10
Purchase URL	https://www.e-xfl.com/product-detail/infineon-technologies/tc1797384f150eackxuma1

Microcontrollers

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Summary of Types

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Microcontrollers

Type	Ordering Code	Orderable Part Number	Package	Description
Microcontrollers, 16-bit				
XE166 Family				
XE160 Series				
▼SAK-XE160FU-4F40R AA-Step	SP000859272	XE160FU4F40RAAKZZA1	PG-TSSOP-38-8	Real time signal controller/ Compact Line 32-Kbyte on-chip program memory (flash memory), 4-Kbyte on-chip program/data SRAM (PSRAM), memory protection unit (MPU), programmable watchdog timer, oscillator watchdog, one 16-channel purpose capture/ compare unit (CAPCOM2), capture/ compare unit (CCU60), 8-channel 12-bit A/D converter, two serial interface channels, 40-MHz clock frequency, -40°C to 125°C, tape & reel
▼SAF-XE160FU-4F66R AA-Step	SP000859274	XE160FU4F66RAAFZZA1	PG-TSSOP-38-8	as SAK-XE160FU-4F40R 66-MHz clock frequency, -40°C to 85°C, tape & reel
▼SAK-XE160FU-8F40R AA-Step	SP000859276	XE160FU8F40RAAKXUMA1	PG-TSSOP-38-8	as SAK-XE160FU-4F40R 64-Kbyte on-chip program memory (flash memory), tape & reel
▼SAF-XE160FU-8F66R AA-Step	SP000859278	XE160FU8F66RAAFXUMA1	PG-TSSOP-38-8	as SAK-XE160FU-8F40R 66-MHz clock frequency, -40°C to 85°C, tape & reel

XE161 Series

▼SAK-XE161FL-12F66V AA-Step	SP000859296	XE161FL12F66VAAKZZA1	PG-VQFN-48-54	Real time signal controller/ Econo Line 96-Kbyte on-chip program memory (flash memory), 4-Kbyte on-chip program/data SRAM (PSRAM), memory protection unit (MPU), programmable watchdog timer, oscillator watchdog, one 16-channel purpose capture/ compare unit (CAPCOM2), two capture/compare units (CCU60), 10-channel 12-bit A/D converter, two Full-CAN nodes, four serial interface channels, 66-MHz clock frequency, -40°C to 125°C, tape & reel
▼SAK-XE161FL-20F66V AA-Step	SP000859288	XE161FL20F66VAAKXUMA1	PG-VQFN-48-54	as SAK-XE161FL-12F66V, 160-Kbyte on-chip program memory (flash memory), tape & reel
▼SAF-XE161FL-12F80V AA-Step	SP000859298	XE161FL12F80VAAFZZA1	PG-VQFN-48-54	as SAK-XE161FL-20F66V, 96-Kbyte on-chip program memory (flash memory), 80-MHz clock frequency, -40°C to 85°C, tape & reel
▼SAF-XE161FL-20F80V AA-Step	SP000859290	XE161FL20F80VAAFZZA1	PG-VQFN-48-54	as SAF-XE161FL-12F80V 160-Kbyte on-chip program memory (flash memory), tape & reel

SMD = Surface Mounted Device

Type	Ordering Code	Orderable Part Number	Package	Description
Microcontrollers, 16-bit				
XE166 Family				
XE161 Series				
(cont'd)				
▼SAK-XE161HL-12F66V AA-Step	SP000859300	XE161HL12F66VAAKZZA1	PG-VQFN-48-54	as SAF-XE161FL-12F80V, no Full-CAN node, 66-MHz clock frequency, -40°C to 125°C, tape & reel
▼SAK-XE161HL-20F66V AA-Step	SP000859292	XE161HL20F66VAAKZZA1	PG-VQFN-48-54	as SAK-XE161FL-12F66V, 160-Kbyte on-chip program memory (flash memory), tape & reel
▼SAF-XE161HL-12F80V AA-Step	SP000859302	XE161HL12F80VAAFZZA1	PG-VQFN-48-54	as SAF-XE161FL-12F80V no Full-CAN node, tape & reel
▼SAF-XE161HL-20F80V AA-Step	SP000966484	XE161HL20F80VAAFZZA2	PG-VQFN-48-54	as SAF-XE161FL-20F80V no Full-CAN node, tube
▼SAF-XE161HL-20F80V AA-Step	SP000859294	XE161HL20F80VAAFZZA1	PG-VQFN-48-54	as SAF-XE161HL-20F80V, tape & reel
▼SAF-XE161FU-4F66V AA-Step	SP000859282	XE161FU4F66VAAFZZA1	PG-VQFN-48-54	Real time signal controller/ Compact Line 32-Kbyte on-chip program memory (flash memory), 4-Kbyte on-chip program/data SRAM (PSRAM), memory protection unit (MPU), programmable watchdog timer, oscillator watchdog, one 16-channel purpose capture/ compare unit (CAPCOM2), two capture/compare units (CCU60), 10-channel 12-bit A/D converter, two serial interface channels, 66-MHz clock frequency, -40°C to 85°C, tape & reel
▼SAF-XE161FU-8F66V AA-Step	SP000859286	XE161FU8F66VAAFZZA1	PG-VQFN-48-54	as SAF-XE161FU-4F66V, 64-Kbyte on-chip program memory (flash memory), tape & reel
▼SAK-XE161FU-4F40V AA-Step	SP000859280	XE161FU4F40VAAKZZA1	PG-VQFN-48-54	as SAF-XE161FU-4F66V, 40-MHz clock frequency, -40°C to 125°C, tape & reel
▼SAK-XE161FU-8F40V AA-Step	SP000859284	XE161FU8F40VAAKXUMA1	PG-VQFN-48-54	as SAK-XE161FU-4F40V, 64-Kbyte on-chip program memory (flash memory), tape & reel

SMD = Surface Mounted Device

Type	Ordering Code	Orderable Part Number	Package	Description
Microcontrollers, 16-bit				
XE166 Family XE164H Series				
SAF-XE164H-72F66L AC-Step	SP000363780	XE164H72F66LACFXQMA1	PG-LQFP-100-3	Real time signal controller High performance CPU with five-stage pipeline, 576-Kbyte on-chip program memory (flash memory), 32-Kbyte on-chip program/data SRAM (PSRAM), programmable watchdog timer, oscillator watchdog, one 16-channel purpose capture/ compare unit (CAPCOM2), three capture/compare units (CCU6), 11 + 5-channel 10-Bit A/D converter, no Full-CAN node, six serial interface channels, 66-MHz clock frequency, -40°C to 85°C, tray
SAF-XE164H-96F66L AC-Step	SP000363766	XE164H96F66LACFXQMA1	PG-LQFP-100-3	as SAF-XE164H-24F66L, 768-Kbyte on-chip program memory (flash memory), 64-Kbyte on-chip program/data SRAM (PSRAM), tray
SAF-XE164H-96F66L AC-Step	SP000363765	XE164H96F66LACFXUMA1	PG-LQFP-100-3	as SAF-XE164H-96F66L, tape & reel
SAF-XE164HM-72F80L AA-Step	SP000397570	XE164HM72F80LAAFUMA1	PG-LQFP-100-8	as SAF-XE164H-72F66L, Base Line memory protection unit (MPU), 80-MHz clock frequency, tape & reel
▼ SAF-XE164HN-16F80L AA-Step	SP000518046	XE164HN16F80LAAFZZA1	PG-LQFP-100-8	as SAF-XE164HM-72F80L, Value Line 128-Kbyte on-chip program memory (flash memory), 16-Kbyte on-chip program/data SRAM (PSRAM), -40°C to 85°C, tape & reel
SAF-XE164HN-40F80L AA-Step	SP000518048	XE164HN40F80LAAFUMA1	PG-LQFP-100-8	as SAF-XE164HN-16F80L, 320-Kbyte on-chip program memory (flash memory), tape & reel

SMD = Surface Mounted Device

Microcontrollers

Type	Ordering Code	Orderable Part Number	Package	Description
Microcontrollers, 16-bit				
XE166 Family				
XE164K Series				
SAF-XE164K-48F66L AC-Step	SP000363791	XE164K48F66LACFXQMA1	PG-LQFP-100-3	Real time signal controller High performance CPU with five-stage pipeline, 384-Kbyte on-chip program memory (flash memory), 16-Kbyte on-chip program/data SRAM (PSRAM), programmable watchdog timer, oscillator watchdog, one 16-channel purpose capture/compare unit (CAPCOM2), two capture/compare units (CCU6), 6 + 5-channel 10-Bit A/D converter, no Full-CAN node, four serial interface channels, 66-MHz clock frequency, -40°C to 85°C, tray
SAF-XE164K-96F66L AC-Step	SP000363771	XE164K96F66LACFXQMA1	PG-LQFP-100-3	as SAF-XE164K-48F66L, 768-Kbyte on-chip program memory (flash memory), 64-Kbyte on-chip program/data SRAM (PSRAM), tray
SAF-XE164K-96F66L AC-Step	SP000363770	XE164K96F66LACFXUMA1	PG-LQFP-100-3	as SAF-XE164K-96F66L, tape & reel
SAF-XE164KM-48F80L AA-Step	SP000397578	XE164KM48F80LAAFUMA1	PG-LQFP-100-8	as SAF-XE164K-48F66L, Base Line memory protection unit (MPU), 80-MHz clock frequency, tape & reel
SAF-XE164KM-72F80L AA-Step	SP000397576	XE164KM72F80LAAFUMA1	PG-LQFP-100-8	as SAF-XE164KM-24F80L, 576-Kbyte on-chip program memory (flash memory), 32-Kbyte on-chip program/data SRAM (PSRAM), tape & reel
▼ SAF-XE164KN-16F80L AA-Step	SP000518054	XE164KN16F80LAAFZZA1	PG-LQFP-100-8	as SAF-XE164KM-24F80L, Value Line 128-Kbyte on-chip program memory (flash memory), 8-Kbyte on-chip program/data SRAM (PSRAM), tape & reel

SMD = Surface Mounted Device

Type	Ordering Code	Orderable Part Number	Package	Description
Microcontrollers, 16-bit				
XC2000 Family				
XC2x6x Series (Body)				
(cont'd)				
SAK-XC2267M-72F80L AC-Step	SP000455314	XC2267M72F80LAAKXUMA1	PG-LQFP-100-8	as SAK-XC2267-96F80L, Base Line 576-Kbyte on-chip program memory, 32-Kbyte on-chip program/ data SRAM (PSRAM), six Full-CAN nodes, eight serial interface channels, tape & reel
SAK-XC2267M-104F80L AC-Step	SP000398034	XC2267M104F80LAAKXUMA1	PG-LQFP-100-8	as SAK-XC2267M-72F80L, 832-Kbyte on-chip program memory, tape & reel
▼SAK-XC2268I-136F128L AA-Step	SP000893180	XC2268I136F128LAAKXUMA1	PG-LQFP-100-8	16/32-bit single-chip microcontroller with 32-bit performance XC2200 family/PremiumLine High performance CPU with 5-stage pipeline, 1,088-Kbyte on-chip program memory, 64-Kbyte on-chip program/data SRAM (PSRAM), 1024 bytes on-chip special function register area C166 family compatible), programmable watchdog timer and oscillator watchdog, four capture/compare units (CCU6), 11 + 8-channel 10-bit A/D converter, six Full-CAN nodes, ten serial interface channels, 128-MHz clock frequency, -40°C to 125°C, tape & reel
▼SAK-XC2268N-40F80L AA-Step	SP000720866	XC2268N40F80LAAKXUMA1	PG-LQFP-100-8	as SAK-XC2268I-136F128L, Value Line 320-Kbyte on-chip program memory, 16-Kbyte on-chip program/data SRAM (PSRAM), two capture/ compare units (CCU6), 11 + 5-channel 10-bit A/D converter, six serial interface channels, 80-MHz clock frequency, tape & reel
▼SAK-XC2269I-136F128L AA-Step	SP000858186	XC2269I136F128LAAKXUMA1	PG-LQFP-100-8	as SAK-XC2268I-136F128L, PremiumLine two FlexRay™ nodes, tape & reel

SMD = Surface Mounted Device

Type	Ordering Code	Orderable Part Number	Package	Description
Microcontrollers, 32-bit				
TC11xx Family				
TC1130 Series (Industry)				
■ SAF-TC1130-L100EB-G BB-Step	SP000743586	TC1130L100EBGBBFXUMA1	PG-LBGA-208-2	Industrial communication controller, TriCore™ CPU with 4-stage pipeline, floating point unit, memory management unit, 144-Kbyte on-chip SRAM, fast Ethernet controller with 10/100-Mbit/s, multifunctional general purpose timer unit with three 32-bit timer/counters, two capture and compare unit 6 for PWM signal generation, multiCAN module with four CAN nodes, 100-MHz clock frequency, -40°C to 85°C, tape & reel
■ SAF-TC1130-L150EB-G BB-Step	SP000744402	TC1130L150EBGBBFXQSA1	PG-LBGA-208-2	as SAF-TC1130-L100EB-G, 150-MHz clock frequency, tray
■ SAF-TC1130-L150EB-G BB-Step	SP000743584	TC1130L150EBGBBFXUMA1	PG-LBGA-208-2	as SAF-TC1130-L150EB-G, tape & reel

TC11xx Family
TC116x Series (Industry)

SAF-TC1167-128F133HL AD-Step	SP000674708	TC1167128F133HLADFXUMA1	PG-LQFP-176-5	High performance TriCore™ CPU with 4-stage pipeline 1-Mbyte flash memory, 24-Kbyte local data memory (SRAM), 64-Kbyte data flash (16-Kbyte EEPROM emulation), 16-Kbyte instruction cache, 8-channel DMA controller, two high-speed synchronous serial channel (SSC), one 16-channel A/D converter unit with selectable 8-bit, 10-bit, or 12-bit supporting 32 input channels, on-chip debug support (OCDS level 1 and 2), multiCAN module with two CAN nodes, 133-MHz clock frequency, -40°C to 85°C, tape & reel
SAK-TC1197-256F180E AC-Step	SP000627556	TC1197256F180EACKXUMA1	PG-BGA-416-10	High performance TriCore™ CPU with 4-stage pipeline 2-Mbyte flash memory, 40-Kbyte local data memory (SRAM), 64-Kbyte data flash (16-Kbyte EEPROM emulation), 16-Kbyte instruction cache, 16-channel DMA controller, two high-speed synchronous serial channel (SSC), one 16-channel A/D converter unit with selectable 8-bit, 10-bit, or 12-bit supporting 32 input channels, on-chip debug support (OCDS level 1 and 2), multiCAN module with four CAN nodes, 180-MHz clock frequency, -40°C to 125°C, tape & reel
SAK-TC1197-512F180E AC-Step	SP000602872	TC1197512F180EACKXUMA1	PG-BGA-416-10	as SAK-TC1197-256F180E, 4-Mbyte flash memory, tape & reel

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

Automotive N-Channel MOSFETs**55V**

(cont'd)

IPI80N06S2-08	SP000218828	IPI80N06S208AKSA1	PG-TO262-3-1	55	8.0	2.1 ... 4.0	80
IPI80N06S2L-11	SP000218176	IPI80N06S2L11AKSA1	PG-TO262-3-1	55	11	1.2 ... 2.0	80
IPP100N06S2-05	SP000218872	IPP100N06S205AKSA1	PG-TO220-3-1	55	4.7	2.1 ... 4.0	100
IPP100N06S2L-05	SP000218879	IPP100N06S2L05AKSA1	PG-TO220-3-1	55	4.7	1.2 ... 2.0	100
IPP80N06S2L-05	SP000219000	IPP100N08S207AKSA1	PG-TO220-3-1	55	4.8	1.2 ... 2.0	80
IPP80N06S2-05	SP000218873	IPP80N06S205AKSA1	PG-TO220-3-1	55	5.1	2.1 ... 4.0	80
IPP80N06S2L-H5	SP000219067	IPP80N06S2LH5AKSA1	PG-TO220-3-1	55	5.3	1.2 ... 2.0	80
IPP80N06S2-H5	SP000218155	IPP80N06S2H5AKSA1	PG-TO220-3-1	55	5.5	2.1 ... 4.0	80
IPP80N06S2-07	SP000218810	IPP80N06S207AKSA1	PG-TO220-3-1	55	6.3	2.1 ... 4.0	80
IPP80N06S2-07	SP000781442	IPP80N06S207AKSA2	PG-TO220-3-1	55	6.3	2.1 ... 4.0	80
IPP80N06S2L-06	SP000218824	IPP80N06S2L06AKSA1	PG-TO220-3-1	55	6.3	1.2 ... 2.0	80
IPP80N06S2L-07	SP000218831	IPP80N06S2L07AKSA1	PG-TO220-3-1	55	7.0	1.2 ... 2.0	80
IPP80N06S2-08	SP000218826	IPP80N06S208AKSA1	PG-TO220-3-1	55	8.0	2.1 ... 4.0	80
IPP80N06S2-09	SP000218740	IPP80N06S209AKSA1	PG-TO220-3-1	55	8.5	2.1 ... 4.0	80
IPP80N06S2L-09	SP000218742	IPP80N06S2L09AKSA1	PG-TO220-3-1	55	9.1	1.2 ... 2.0	80
IPP80N06S2L-11	SP000218175	IPP80N06S2L11AKSA1	PG-TO220-3-1	55	11	1.2 ... 2.0	80
IPP77N06S2-12	SP000218172	IPP77N06S212AKSA1	PG-TO220-3-1	55	12	2.1 ... 4.0	77
SPB80N06S-08	SP000084808	SPB80N06S08ATMA1	PG-TO263-3-2	55	7.7	2.1 ... 4.0	80
SPP80N06S-08	SP000084810	SPP80N06S08AKSA1	PG-TO220-3-1	55	7.7	2.1 ... 4.0	80

60V

IPB180N06S4-H1	SP000415562	IPB180N06S4H1ATMA1	PG-TO263-7-3	60	1.7	2.0 ... 4.0	180
IPB120N06S4-H1	SP000396274	IPB120N06S4H1ATMA1	PG-TO263-3-2	60	2.1	2.0 ... 4.0	120
IPB120N06S4-02	SP000415560	IPB120N06S402ATMA1	PG-TO263-3-2	60	2.4	2.0 ... 4.0	120
IPB120N06S4-03	SP000415558	IPB120N06S403ATMA1	PG-TO263-3-2	60	2.8	2.0 ... 4.0	120
IPB90N06S4L-03	SP000415574	IPB90N06S4L04ATMA1	PG-TO263-3-2	60	3.3	1.2 ... 2.2	90
IPB90N06S4-04	SP000379632	IPB90N06S404ATMA1	PG-TO263-3-2	60	3.7	2.0 ... 4.0	90
IPB80N06S4L-05	SP000415570	IPB80N06S4L05ATMA1	PG-TO263-3-2	60	4.8	1.2 ... 2.2	80
IPB80N06S4-04	SP000415566	IPB80N06S405ATMA1	PG-TO263-3-2	60	5.4	2.0 ... 4.0	80
IPB80N06S4L-07	SP000415572	IPB80N06S4L07ATMA1	PG-TO263-3-2	60	6.4	1.2 ... 2.2	80
IPB80N06S4-07	SP000415568	IPB80N06S407ATMA1	PG-TO263-3-2	60	7.1	2.0 ... 4.0	80
IPB45N06S4L-08	SP000374316	IPB45N06S4L08ATMA1	PG-TO263-3-2	60	8.2	1.2 ... 2.2	45
IPB45N06S4-09	SP000374315	IPB45N06S409ATMA1	PG-TO263-3-2	60	9.1	2.0 ... 4.0	45
IPD100N06S4-03	SP000415576	IPD100N06S403ATMA1	PG-TO252-3-11	60	3.5	2.0 ... 4.0	100
IPD90N06S4L-03	SP000374326	IPD90N06S4L03ATMA1	PG-TO252-3-11	60	3.5	1.2 ... 2.2	90
IPD90N06S4-04	SP000374323	IPD90N06S404ATMA1	PG-TO252-3-11	60	3.8	2.0 ... 4.0	90
IPD90N06S4L-05	SP000415588	IPD90N06S4L05ATMA1	PG-TO252-3-11	60	4.6	1.2 ... 2.2	90
IPD90N06S4-05	SP000481510	IPD90N06S405ATMA1	PG-TO252-3-11	60	5.1	2.0 ... 4.0	90
IPD90N06S4L-06	SP000415594	IPD90N06S4L06ATMA1	PG-TO252-3-11	60	6.1	1.2 ... 2.2	90
IPD90N06S4-07	SP000415586	IPD90N06S407ATMA1	PG-TO252-3-11	60	6.9	2.0 ... 4.0	90
IPD50N06S4L-08	SP000374322	IPD50N06S4L08ATMA1	PG-TO252-3-11	60	7.9	1.2 ... 2.2	50
IPD50N06S4-09	SP000374321	IPD50N06S409ATMA1	PG-TO252-3-11	60	9.0	2.0 ... 4.0	50
IPD50N06S4L-12	SP000476422	IPD50N06S4L12ATMA1	PG-TO252-3-11	60	12	1.2 ... 2.2	50
IPD30N06S4L-23	SP000374320	IPD30N06S4L23ATMA1	PG-TO252-3-11	60	23	1.2 ... 2.2	30
IPD25N06S4L-30	SP000481508	IPD25N06S4L30ATMA1	PG-TO252-3-11	60	30	1.2 ... 2.2	25

SMD = Surface Mounted Device

Power Semiconductors

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

20 V

BSD214SN	SP000440882	BSD214SNL6327HTSA1	SOT363	20	140	0.7 ... 1.2	1.5
▼ BSD214SN H6327	SP000917656	BSD214SNH6327XT	SOT363	20	140	0.7 ... 1.2	1.5
BSD816SN	SP000464868	BSD816SNL6327HTSA1	SOT363	20	160	0.3 ... 0.95	1.4
BSD235N	SP000442458	BSD235NL6327HTSA1	SOT363 dual	20	350	0.7 ... 1.2	0.95
BSD235N	SP000917652	BSD235NH6327XTSA1	SOT363 dual	20	350	0.7 ... 1.2	0.95
BSD840N	SP000464874	BSD840NL6327HTSA1	SOT363 dual	20	400	0.7 ... 1.2	0.95
BSD840N	SP000917654	BSD840NH6327XTSA1	SOT363 dual	20	400	0.7 ... 1.2	0.95
BSC019N02KS G	SP000307376	BSC019N02KSGAUMA1	SuperSO8	20	1.95	0.3 ... 0.75	0.88
BSC026N02KS G	SP000379664	BSC026N02KSGAUMA1	SuperSO8	20	2.6	0.7 ... 1.2	100
BSC046N02KS G	SP000379666	BSC046N02KSGAUMA1	SuperSO8	20	4.6	0.7 ... 1.2	80
BSR202N	SP000257784	BSR202NL6327HTSA1	SC59	20	21	0.7 ... 1.2	3.1
BSR802N	SP000442484	BSR802NL6327HTSA1	SC59	20	23	0.3 ... 0.75	3.7
BSL202SN	SP000257782	BSL202SNL6327HTSA1	TSOP6	20	22	0.7 ... 1.2	7.5
BSL205N	SP000442386	BSL205NL6327HTSA1	TSOP6 dual	20	50	0.6 ... 1.2	2.5
BSL207N	SP000442426	BSL207NL6327HTSA1	TSOP6 dual	20	70	0.7 ... 1.2	2.1
BSL214N	SP000442430	BSL214NL6327HTSA1	TSOP6 dual	20	140	0.7 ... 1.2	1.5
BSL802SN	SP000442478	BSL802SNL6327HTSA1	TSOP6 dual	20	22	0.3 ... 0.75	7.5
BSO330N02K G	SP000380284	BSO330N02KGFUMA1	SO-8	20	30	0.7 ... 1.2	5.4
BSS205N	SP000929180	BSS205NH6327XTSA1	SOT23	20	50	0.7 ... 1.2	2.5
BSS806N	SP000928952	BSS806NH6327XTSA1	SOT23	20	57	0.3 ... 0.75	2.3
BSS214N	SP000928936	BSS214NH6327XTSA1	SOT23	20	140	0.7 ... 1.2	1.5
BSS816NW	SP000464852	BSS816NWL6327HTMA1	SOT323	20	160	0.3 ... 0.75	1.4
▼ BSS816NW H6327	SP000917562	BSS816NWH6327XT	SOT323	20	160	0.3 ... 0.75	1.4
BSS214NW	SP000440880	BSS214NWL6327HTMA1	SOT323	20	140	0.7 ... 1.2	1.5
▼ BSS214NW H6327	SP000917560	BSS214NWH6327XTSA1	SOT323	20	140	0.7 ... 1.2	1.5

25 V

▼ BSB008NE2LX	SP000880866	BSB008NE2LXXUMA1	CanPAK™ M-size	25	0.8	1.2 ... 2.0	180
BSB012NE2LX	SP000756344	BSB012NE2LXXUMA1	CanPAK™ M-size	25	1.2	1.2 ... 2.0	180
▼ BSB013NE2LX	SP000756346	BSB013NE2LXIXUMA1	CanPAK™ M-size	25	1.3	1.2 ... 2.0	163
▼ BSC009NE2LS	SP000893362	BSC009NE2LSATMA1	SuperSO8	25	0.9	1.2 ... 2.0	100
BSC010NE2LS	SP000776124	BSC010NE2LSATMA1	SuperSO8	25	1.0	1.2 ... 2.0	100
▼ BSC010NE2LSI	SP000854376	BSC010NE2LSIATMA1	SuperSO8	25	1.05	1.2 ... 2.0	100
▼ BSC014NE2LSI	SP000911336	BSC014NE2LSIATMA1	SuperSO8	25	1.4	1.2 ... 2.0	100
BSC018NE2LS	SP000756336	BSC018NE2LSATMA1	SuperSO8	25	1.8	1.2 ... 2.0	100
▼ BSC018NE2LSI	SP000906030	BSC018NE2LSIATMA1	SuperSO8	25	1.8	1.2 ... 2.0	100
▼ BSC032NE2LS	SP000854378	BSC032NE2LSATMA1	SuperSO8	25	3.2	1.2 ... 2.0	84
BSC050NE2LS	SP000756340	BSC050NE2LSATMA1	SuperSO8	25	5.0	1.2 ... 2.0	58
▼ BSF030NE2LQ	SP000756348	BSF030NE2LQXUMA1	CanPAK™ S-size	25	3.0	1.2 ... 2.0	75
BSZ018NE2LS	SP000756338	BSZ018NE2LSATMA1	S3O8	25	1.8	1.2 ... 2.0	40
▼ BSZ018NE2LSI	SP000906032	BSZ018NE2LSIATMA1	S3O8	25	1.8	1.2 ... 2.0	40
▼ BSZ036NE2LS	SP000854572	BSZ036NE2LSATMA1	S3O8	25	3.6	1.2 ... 2.0	40
▼ BSZ060NE2LS	SP000776122	BSZ060NE2LSATMA1	S3O8	25	6.0	1.2 ... 2.0	40

SMD = Surface Mounted Device

Power Semiconductors

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

400 V

BSP298	SP000088258	BSP298L6327HUSA1	SOT223	400	3000	2.1 ... 4.0	0.50
BSP324	SP000089203	BSP324L6327HTSA1	SOT223	400	25000	1.3 ... 2.3	0.17

500 V

IPA50R140CP	SP000234988	IPA50R140CPXKSA1	TO-220 FullPAK	500	140	2.5 ... 3.5	23
SPA21N50C3	SP000216364	SPA21N50C3XKSA1	TO-220 FullPAK	500	190	2.1 ... 3.9	21
IPA50R199CP	SP000236081	IPA50R199CPXKSA1	TO-220 FullPAK	500	199	2.5 ... 3.5	17
IPA50R250CP	SP000236080	IPA50R250CPXKSA1	TO-220 FullPAK	500	250	2.5 ... 3.5	13
SPA16N50C3	SP000216351	SPA16N50C3XKSA1	TO-220 FullPAK	500	280	2.1 ... 3.9	16
IPA50R299CP	SP000236079	IPA50R299CPXKSA1	TO-220 FullPAK	500	299	2.5 ... 3.5	12
IPA50R350CP	SP000236078	IPA50R350CPXKSA1	TO-220 FullPAK	500	350	2.5 ... 3.5	10
SPA12N50C3	SP000216322	SPA12N50C3XKSA1	TO-220 FullPAK	500	380	2.1 ... 3.9	11.6
IPA50R399CP	SP000234987	IPA50R399CPXKSA1	TO-220 FullPAK	500	399	2.5 ... 3.5	9.0
IPA50R520CP	SP000236076	IPA50R520CPXKSA1	TO-220 FullPAK	500	520	2.5 ... 3.5	7.1
SPA08N50C3	SP000216306	SPA08N50C3XKSA1	TO-220 FullPAK	500	600	2.1 ... 3.9	7.6
SPA04N50C3	SP000216298	SPA04N50C3XKSA1	TO-220 FullPAK	500	950	2.1 ... 3.9	4.5
IPB50R140CP	SP000212746	IPB50R140CPATMA1	D ² PAK	500	140	2.5 ... 3.5	23
SPB21N50C3	SP000013833	SPB21N50C3ATMA1	D ² PAK	500	190	2.1 ... 3.9	21
IPB50R199CP	SP000236092	IPB50R199CPATMA1	D ² PAK	500	199	2.5 ... 3.5	17
IPB50R250CP	SP000236093	IPB50R250CPATMA1	D ² PAK	500	250	2.5 ... 3.5	13
SPB16N50C3	SP000014895	SPB16N50C3ATMA1	D ² PAK	500	280	2.1 ... 3.9	16
IPB50R299CP	SP000236094	IPB50R299CPATMA1	D ² PAK	500	299	2.5 ... 3.5	12
SPB12N50C3	SP000014894	SPB12N50C3ATMA1	D ² PAK	500	380	2.1 ... 3.9	11.6
SPB04N50C3	SP000014477	SPB04N50C3ATMA1	D ² PAK	500	950	2.1 ... 3.9	4.5
IPD50R399CP	SP000307379	IPD50R399CPBTMA1	DPAK	500	399	2.5 ... 3.5	9.0
IPD50R520CP	SP000307380	IPD50R520CPBTMA1	DPAK	500	520	2.5 ... 3.5	7.0
SPD08N50C3	SP000307395	SPD08N50C3BTMA1	DPAK	500	600	2.1 ... 3.9	7.6
SPD04N50C3	SP000313945	SPD04N50C3BTMA1	DPAK	500	950	2.1 ... 3.9	4.5
SPD03N50C3	SP000307392	SPD03N50C3BTMA1	DPAK	500	1400	2.1 ... 3.9	3.2
SPD02N50C3	SP000313942	SPD02N50C3BTMA1	DPAK	500	3000	2.1 ... 3.9	1.8
IPI50R140CP	SP000680734	IPI50R140CPXKSA1	I ² PAK	500	140	2.5 ... 3.5	23
SPI21N50C3	SP000014463	SPI21N50C3HKSA1	I ² PAK	500	190	2.1 ... 3.9	21
SPI21N50C3	SP000681012	SPI21N50C3XKSA1	I ² PAK	500	190	2.1 ... 3.9	21
IPI50R199CP	SP000523756	IPI50R199CPXKSA1	I ² PAK	500	199	2.5 ... 3.5	40
IPI50R250CP	SP000523750	IPI50R250CPXKSA1	I ² PAK	500	250	2.5 ... 3.5	13
IPI50R299CP	SP000523748	IPI50R299CPXKSA1	I ² PAK	500	299	2.5 ... 3.5	12
SPI16N50C3	SP000014470	SPI16N50C3HKSA1	I ² PAK	500	280	2.1 ... 3.9	16
SPI16N50C3	SP000681004	SPI16N50C3XKSA1	I ² PAK	500	280	2.1 ... 3.9	16
IPI50R350CP	SP000680736	IPI50R350CPXKSA1	I ² PAK	500	350	2.5 ... 3.5	10
SPI12N50C3	SP000014467	SPI12N50C3HKSA1	I ² PAK	500	380	2.1 ... 3.9	11.6
SPI12N50C3	SP000680996	SPI12N50C3XKSA1	I ² PAK	500	380	2.1 ... 3.9	11.6
IPI50R399CP	SP000259979	IPI50R399CPHKSA1	I ² PAK	500	399	2.5 ... 3.5	9.0
IPI50R399CP	SP000680738	IPI50R399CPXKSA1	I ² PAK	500	399	2.5 ... 3.5	9.0
SPI08N50C3	SP000014461	SPI08N50C3HKSA1	I ² PAK	500	600	2.1 ... 3.9	7.6
SPI08N50C3	SP000680984	SPI08N50C3XKSA1	I ² PAK	500	600	2.1 ... 3.9	7.6

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**Fast DuoPack (IGBT + Emitter Controlled Diode)
600 V**

SKA06N60	SP000215379	SKA06N60XKSA1	TO-220 FullPAK	600	6	24	2.3
SKB02N60	SP000012416	SKB02N60ATMA1	D ² PAK	600	2	12	2.2
■ SKB02N60 E3266	SP000012417	SKB02N60E3266ATMA1	D ² PAK	600	2	12	2.2
SKB04N60	SP000012425	SKB04N60ATMA1	D ² PAK	600	4	19	2.3
SKB06N60	SP000012427	SKB06N60ATMA1	D ² PAK	600	6	24	2.3
SKB10N60A	SP000013740	SKB10N60AATMA1	D ² PAK	600	10	40	2.3
SKB15N60	SP000012429	SKB15N60ATMA1	D ² PAK	600	15	62	2.0
SKB15N60 E8151	SP000012430	SKB15N60E8151ATMA1	D ² PAK	600	15	62	2.0
SKP02N60	SP000683136	SKP02N60XKSA1	TO-220	600	2	12	2.2
SKP04N60	SP000683138	SKP04N60XKSA1	TO-220	600	4	19	2.0
SKP06N60	SP000683140	SKP06N60XKSA1	TO-220	600	6	24	2.3
SKP10N60A	SP000683144	SKP10N60AXKSA1	TO-220	600	10	40	2.3
SKP15N60	SP000683146	SKP15N60XKSA1	TO-220	600	15	62	2.3
SKW15N60	SP000012482	SKW15N60FKSA1	TO-247	600	15	62	2.3
SKW20N60	SP000012483	SKW20N60FKSA1	TO-247	600	20	80	2.4
SKW30N60	SP000012484	SKW30N60CKSA1	TO-247	600	30	112	2.5

1200 V

SKB02N120	SP000012567	SKB02N120ATMA1	D ² PAK	1200	2	9.6	3.1
SKP02N120	SP000683134	SKP02N120XKSA1	TO-220	1200	2	9.6	3.7
SKW07N120	SP000012569	SKW07N120FKSA1	TO-247	1200	8	27	3.1
SKW15N120	SP000012570	SKW15N120FKSA1	TO-247	1200	15	52	3.1
SKW25N120	SP000012571	SKW25N120CKSA1	TO-247	1200	25	84	3.1

SMD = Surface Mounted Device

Power Semiconductors

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

Smart High-Side Switches

Four Channel PROFET™ for automotive applications

BTS4130QGA	SP000360283	BTS4130QGAXUMA1	PG-DSO-20-32	> 43	4 x 130	1.8	5
BTS711L1	SP000379623	BTS711L1XUMA1	PG-DSO-20-9	> 40	4 x 200	1.7	7.5
BTS712N1	SP000317660	BTS712N1XUMA1	PG-DSO-20-9	> 40	4 x 200	1.7	7.5
BTS716G	SP000313686	BTS716GXUMA1	PG-DSO-20-9	> 40	4 x 140	2.3	9
BTS716GB	SP000272337	BTS716GBXUMA1	PG-DSO-20-9	> 40	4 x 140	2.3	9
BTS721L1	SP000317661	BTS721L1XUMA1	PG-DSO-20-9	> 40	4 x 100	2.5	14
BTS724G	SP000313543	BTS724GXUMA1	PG-DSO-20-9	> 40	4 x 90	3.0	15
BTS737S3	SP000014328	BTS737S3NUMA1	P-DSO-28-16	> 40	4 x 35	5.0	45
BTS 824R	SP000013628	BTS824RNUMA1	P-DSO-20-12	> 40	4 x 90	3.7	12

Four Channel PROFET™ for industrial applications

ITS711L1	SP000219532	ITS711L1FUMA1	PG-DSO-20-9	> 40	4 x 200	1.7	7.5
ITS716G	SP000219534	ITS716GFUMA1	PG-DSO-20-9	> 40	4 x 140	2.3	9
ITS724G	SP000219835	ITS724GFUMA1	PG-DSO-20-9	> 40	4 x 90	3.7	15

Eight Channel PROFET™ for automotive applications

BTS4880R	SP000276938	BTS4880RAUMA1	PG-DSO-36-12	47	8 x 200	1.4	3
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Eight Channel PROFET™ for industrial applications

ITS4880R	SP000219527	ITS4880RCUMA1	PG-DSO-36-12	47	8 x 200	1.4	3
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SMD = Surface Mounted Device

Type	Ordering Code	Orderable Part Number	Package	Data		
				Switching Frequency Range kHz	I_{Gate} A	$V_{CC(max)}$ V

Power Management ICs**Power Control ICs****SMPS IC - Quasi**

▼ ICE2QS01	SP000269328	ICE2QS01CKLA1	DIP-8	<150	-	27
ICE2QS03	SP000717562	ICE2QS03XKLA1	DIP-8	52	-	27
ICE2QS03	SP000774924	ICE2QS03HKLA1	DIP-8	52	-	27
TDA4605-2	SP000011728	TDA46052HKLA1	DIP-8	<200	-	15.5
ICE2QS02G	SP000718534	ICE2QS02GXUMA1	SO-8	<150	-	27
ICE2QS03G	SP000775042	ICE2QS03GXUMA1	SO-8	<150	-	27
TDA16846	SP000011731	TDA16846HKLA1	DIP-14	20 - 250	-	16
TDA16846-2	SP000013854	TDA168462HKLA1	DIP-14	20 - 250	-	16
TDA16846-2G GEG	SP000081008	TDA168462GGEGHUMA1	DIP-14	20 - 250	-	16
TDA16846G GEG	SP000081009	TDA16846GGEGHUMA1	SO-14	20 - 250	-	16

SMPS IC - PFC & CCM (continuous conduction mode) ICs

ICE1PCS01	SP000014681	ICE1PCS01HKLA1	DIP-8	50 - 250	-1.5/2	21
ICE1PCS02	SP000056162	ICE1PCS02CKLA1	DIP-8	65	-1.5/2	21
ICE2PCS01	SP000094396	ICE2PCS01HKLA1	DIP-8	50 - 250	-1.5/2	25
ICE2PCS02	SP000094398	ICE2PCS02HKLA1	DIP-8	65	-1.5/2	25
ICE2PCS02	SP000741324	ICE2PCS02XKLA1	DIP-8	65	-1.5/2	25
ICE2PCS03	SP000366372	ICE2PCS03HKLA1	DIP-8	100	-1.5/2	25
ICE2PCS04	SP000366373	ICE2PCS04HKLA1	DIP-8	133	-1.5/2	25
ICE2PCS05	SP000433592	ICE2PCS05HKLA1	DIP-8	136	-1.5/2	25
▼ ICE2PCS06	SP000433590	ICE2PCS06HKLA1	DIP-8	65	-1.5/2	25
▼ ICE2PCS06	SP000745682	ICE2PCS06XKLA1	DIP-8	65	-1.5/2	25
ICE1PCS01G	SP000081001	ICE1PCS01GHUMA1	SO-8	50 - 250	-1.5/2	21
▼ ICE1PCS02G	SP000056164	ICE1PCS02GFUMA1	SO-8	65	-1.5/2	22
ICE2PCS01G	SP000717682	ICE1HS01GAUMA1	SO-8	50 - 250	-1.5/2	25
ICE2PCS02G	SP000718524	ICE2PCS02GXUMA1	SO-8	65	-1.5/2	25
ICE2PCS03G	SP000718526	ICE2PCS03GXUMA1	SO-8	100	-1.5/2	25
ICE2PCS04G	SP000718528	ICE2PCS04GXUMA1	SO-8	133	-1.5/2	25
ICE2PCS05G	SP000718530	ICE2PCS05GXUMA1	SO-8	136	-1.5/2	25
▼ ICE2PCS06G	SP000718532	ICE2PCS06GXUMA1	SO-8	65	-1.5/2	25
ICE3PCS02G	SP000639564	ICE3PCS02GXUMA1	SO-8	65	-1.5/2	25
ICE3PCS03G	SP000639568	ICE3PCS03GXUMA1	SO-8	65	-1.5/2	26
ICE3PCS01G	SP000639560	ICE3PCS01GXUMA1	SO-14	65	-1.5/2	25

SMD = Surface Mounted Device

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

RF Bipolar Transistors**Low Noise Si Transistors up to 2.5 GHz**

BFS17	3k*	SP000010958	BFS17E6327HTSA1	SOT23	15	25	2.0	–	–
BFP181	3k*	SP000011013	BFP181E7764HTSA1	SOT143	12	20	8.0	16.5	1800
BFP182R	3k*	SP000011016	BFP182E7764HTSA1	SOT143R	12	35	8.0	15	1800
BFP183	3k*	SP000011018	BFP183E7764HTSA1	SOT143	12	65	8.0	20	900
BFP183W	3k*	SP000745244	BFP183WE6327BTSA1	SOT343	12	65	8.0	20	900
BFR181	3k*	SP000011047	BFR181E6327HTSA1	SOT23	12	20	8.0	18	900
BFR181W	3k*	SP000750418	BFR181WH6327XTSA1	SOT323	12	20	8.0	18	900
BFR182	3k*	SP000011051	BFR181WH6327XTSA1	SOT23	12	35	8.0	18	900
BFR182W	3k*	SP000750420	BFR182WH6327XTSA1	SOT323	12	35	8.0	18	900
BFR183	3k*	SP000011054	BFR183E6327HTSA1	SOT23	12	65	8.0	18.5	900
BFR183W	3k*	SP000750422	BFR183WH6327XTSA1	SOT323	12	65	8.0	18.5	900
BFR340F	3k*	SP000750426	BFR340FH6327XTSA1	TSFP-3-1	6.0	10	14.0	16	1800
BFR340L3	15k*	SP000013558	BFR340L3E6327XTMA1	TSLP-3-7	6.0	10	14.0	17	1800
BFR35AP	3k*	SP000011060	BFR35APE6327HTSA1	SOT23	12	30	4.9	15	900
BFR360F	3k*	SP000750428	BFR360FH6327XTSA1	TSFP-3-1	6.0	35	14.0	15.5	1800
BFR360F	3k*	SP000750442	BFR360FH6765XTSA1	TSFP-3-1	6.0	35	14.0	15.5	1800
BFR360L3	15k*	SP000013561	BFR360L3E6765XTMA1	TSLP-3-1	6.0	35	14.0	16.5	1800
BFR92P	3k*	SP000011062	BFR92PE6327HTSA1	SOT23	15	30	5.0	15	900
BFR92W	3k*	SP000750446	BFR92WH6327XTSA1	SOT323	15	30	5.0	15.5	900
BFS17P	3k*	SP000011073	BFS17PE6327HTSA1	SOT23	15	25	2.5	–	–
BFS17S	3k*	SP000750448	BFS17SH6327XTSA1	SOT363	15	25	2.5	–	–
BFS17W	3k*	SP000750450	BFS17WH6327XTSA1	SOT323	15	25	2.5	–	–
BFS481	3k*	SP000750462	BFS481H6327XTSA1	SOT363	12	20	8	19	900
BFS483	3k*	SP000750464	BFS483H6327XTSA1	SOT363	12	65	8	19	900

* 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.)

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

ESD8V0L1B-02EL	15k*	SP000235246		TSLP-2-18	-8 ... 14	40	+/-25
ESD8V0L1B-02EL	50k*	SP000257037	ESD8V0L1B02LRHE6433XTMA1	TSLP-2-18	-8 ... 14	40	+/-25
ESD8V0L2B-03L	15k*	SP000055122	ESD8V0L2B03LE6327XTMA1	TSLP-3-1	-8 ... 14	40	+/-15
ESD8V0R1B-02EL	15k*	SP000368384	ESD8V0R1B02LSE6327XTSA1	TSLP-2-18	-8 ... 14	40	+/-18
ESD8V0R1B-02ELS	15k*	SP000368387	ESD8V0R1B02LSE6327XTSA1	TSSLP-2-2	-8 ... 14	40	+/-18
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
ESD24VS2U	3k*	SP000316684	ESD24VS2UE6327HTSA1	SOT23	24	80	+/-30
▼ ESD5V0L1B-02V	3k*	SP000872146	ESD5V0L1B02VH6327XTSA1	SC79	5	40	+/-25
▼ ESD5V0S1U-02V	3k*	SP000860826	ESD5V0S1U02VH6327XTSA1	SC79	5	50	+/-20

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

DSL70	3k*	SP000362209	DSL70E6327HTSA1	SOT143	50	80	15
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* order unit

SMD = Surface Mounted Device

Type	Ordering Code	Orderable Part Number	Package	Description
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Switch-Mode and Linear LED Drivers for Automotive Lighting Applications

Smart Ballast Control ICs for Fluorescent Lamp Ballasts

■ ICB1FL02G	SP000204703	ICB1FL02GXUMA1	SO-18/1	PFC, ballast control and half-bridge driver in one IC, tape & reel
■ ICB1FL03G	SP000626792	ICB1FL03GXUMA1	SO-18/2	PFC, ballast control and half-bridge driver in one IC, tape & reel
ICB2FL01G	SP000363741	ICB2FL01GXUMA1	SO-19	2nd generation FL-controller for fluorescent lamp ballasts, tape & reel
ICB2FL02G	SP000555574	ICB2FL02GXUMA1	SO-19	2nd generation FL-controller for fluorescent lamp ballasts, optimized to operating frequency and detection threshold, tape & reel

SMD = Surface Mounted Device

Summary of Types

Type		Ordering Code	Orderable Part Number	Page	Type		Ordering Code	Orderable Part Number	Page
BCR402W	3k	SP000745922	BCR402WH6327XTSA1	179	BCX70J	10k	SP000010573	BCX70JE6433HTMA1	169
BCR405U	3k	SP000013481	BCR405UE6327HTSA1	179	BCX70J	3k	SP000010556	BCX70JE6327HTSA1	169
BCR410W	3k	SP000745924	BCR410WH6327XTSA1	148	BCX70K	3k	SP000010558	BCX70KE6327HTSA1	169
BCR420U	3k	SP0000665924	BCR420UE6327HTSA1	179	BCX71G	3k	SP000010623	BCX71GE6327HTSA1	169
BCR421U	3k	SP0000665922	BCR421UE6327HTSA1	179	BCX71H	3k	SP000010631	BCX71GE6327HTSA1	169
BCR450	3k	SP0000394437	BCR450E6327HTSA1	179	BCX71J	10k	SP000010647	BCX71JE6433HTMA1	169
BCR48PN	3k	SP000757930	BCR48PNH6327XTSA1	166	BCX71J	3k	SP000010625	BCX71JE6327HTSA1	169
BCR503	3k	SP000010839	BCR503E6327HTSA1	167	BCX71K	3k	SP000010632	BCX71KE6327HTSA1	169
BCR505	3k	SP000010841	BCR505E6327HTSA1	167	BDP947	1k	SP000010931	BDP947E6327HTSA1	171
BCR512	3k	SP000010844	BCR512E6327HTSA1	167	BDP948	1k	SP000010938	BDP948E6327HTSA1	171
BCR521	3k	SP000010845	BCR521E6327HTSA1	167	BDP948	4k	SP000010943	BDP948E6433HTMA1	171
BCR523	10k	SP000010852	BCR523E6433HTMA1	167	BDP949	1k	SP000010932	BDP949E6327HTSA1	171
BCR523	3k	SP000010851	BCR523E6327HTSA1	167	BDP950	1k	SP000010939	BDP950E6327HTSA1	171
BCR523U	3k	SP000013381	BCR523UE6327HTSA1	167	BDP953	1k	SP000010934	BDP953E6327HTSA1	171
BCR533	3k	SP000010853	BCR533E6327HTSA1	167	BDP954	1k	SP000010941	BDP954E6327HTSA1	171
BCR553	3k	SP000010854	BCR555E6327BTSA1	167	BF1005	3k	SP000010946	BF1005E6327HTSA1	156
BCR555	10k	SP000010857	BCR555E6433HTMA1	167	BF1005S	3k	SP000010949	BF1009SE6327HTSA1	156
BCR555	3k	SP000010855	BCR555E6327HTSA1	167	BF1009S	3k	SP000010955	BF1009SE6327BTSA1	156
BCR562	3k	SP000010859	BCR562E6327HTSA1	167	BF1009SR	3k	SP000010956	BF1009SRE6327HTSA1	156
BCR573	10k	SP000010860	BCR573E6433HTMA1	167	BF2030	3k	SP000012219	BF2030E6814HTSA1	156
BCR573	3k	SP000010861	BCR573E6327HTSA1	167	BF2030R	3k	SP000012220	BF2030RE6814HTSA1	156
BCR583	3k	SP000012278	BCR583E6327HTSA1	167	BF2030W	10k	SP000752046	BF2030WH6824XTMA1	156
BCV26	3k	SP000010874	BCV26E6327HTSA1	173	BF2030W	3k	SP000752012	BF2030WH6814XTSA1	156
BCV27	3k	SP000010865	BCV27E6327HTSA1	173	BF2040	3k	SP000012215	BF2040E6814HTSA1	156
BCV28	1k	SP000010879	BCV28E6327HTSA1	173	BF2040R	3k	SP000012216	BF2040RE6814HTSA1	156
BCV46	3k	SP000010873	BCV46E6327HTSA1	173	BF2040W	3k	SP000753484	BF2040WH6814XTSA1	156
BCV47	10k	SP000010864	BCV47E6433HTMA1	173	BF5020W	3k	SP000753486	BF5020WH6327XTSA1	156
BCV47	3k	SP000010866	BCV47E6327BTSA1	173	BF5030W	3k	SP000753488	BF5030WH6327XTSA1	156
BCV48	1k	SP000010880	BCV47E6327BTSA1	173	BF517	3k	SP000010958	BF517E6327HTSA1	145
BCV49	1k	SP000010882	BCV49E6327HTSA1	173	BF771	3k	SP000010967	BF771E6327HTSA1	147
BCV61B	10k	SP000010888	BCV61BE6433HTMA1	172	BF799	3k	SP000010973	BF799E6327HTSA1	147
BCV61B	3k	SP000010886	BCV61BE6327HTSA1	172	BF799W	3k	SP000734406	BF799WH6327XTSA1	147
BCV61C	3k	SP000010887	BCV61CE6327HTSA1	172	BF998	3k	SP000010978	BF998E6327BTSA1	156
BCV62A	3k	SP000010889	BCV62AE6327HTSA1	172	BF998R	3k	SP000010979	BF998RE6327HTSA1	156
BCV62B	10k	SP000010893	BCV62BE6433HTMA1	172	BF999	10k	SP000426300	BF999E6433HTMA1	156
BCV62B	3k	SP000010890	BCV62AE6327HTSA1	172	BF999	3k	SP000010985	BF999E6327HTSA1	156
BCV62C	3k	SP000010891	BCV62CE6327HTSA1	172	BFN18	1k	SP000010997	BFN18E6327HTSA1	173
BCW60B	3k	SP000010551	BCW60BE6327HTSA1	169	BFN19	1k	SP000010998	BFN19E6327HTSA1	173
BCW60C	3k	SP000010548	BCW60CE6327HTSA1	169	BFN24	3k	SP000014784	BFN24E6327HTSA1	173
BCW60D	3k	SP000010549	BCW60DE6327HTSA1	169	BFN26	10k	SP000014786	BFN26E6433HTMA1	173
BCW60FF	3k	SP000010554	BCW60FFE6327HTSA1	172	BFN26	3k	SP000014785	BFN26E6327HTSA1	173
BCW61A	3k	SP000010621	BCW61AE6327HTSA1	169	BFN27	3k	SP000014782	BFN27E6327HTSA1	173
BCW61B	3k	SP000010629	BCW61BE6327HTSA1	169	BFN38	1k	SP000011006	BFN26E6327HTSA1	173
BCW61C	3k	SP000010622	BCW61CE6327HTSA1	169	BFN39	1k	SP000014781	BFN39E6327HTSA1	173
BCW61D	3k	SP000010627	BCW61DE6327HTSA1	169	BFP181	3k	SP000011013	BFP181E7764HTSA1	145
BCW66KF	3k	SP0000271902	BCW66KFE6327HTSA1	170	BFP182R	3k	SP000011016	BFP182E7764HTSA1	145
BCW66KG	3k	SP0000271904	BCW66KGE6327HTSA1	170	BFP183	3k	SP000011018	BFP183E7764HTSA1	145
BCW66KH	10x3k	SP0000271905	BCW66KHB6327HTLA1	170	BFP183W	3k	SP000745244	BFP183WE6327BTSA1	145
BCW66KH	3k	SP0000271906	BCW66KHE6327HTSA1	170	BFP193	3k	SP000011024	BFP193E6327HTSA1	147
BCW67B	3k	SP000015035	BCW67BE6327HTSA1	170	BFP193W	3k	SP000745248	BFP193WH6327XTSA1	147
BCW67C	3k	SP000015037	BCW67CE6327HTSA1	170	BFP196	3k	SP000011027	BFP196E6327HTSA1	147
BCW68F	3k	SP000015041	BCW68FE6327HTSA1	170	BFP196W	3k	SP000745250	BFP196WH6327XTSA1	147
BCW68G	3k	SP000015039	BCW68GE6327HTSA1	170	BFP405	3k	SP000745254	BFP405H6327XTSA1	146
BCW68H	3k	SP000015040	BCW68HE6327HTSA1	170	BFP405	3k	SP000745256	BFP405H6740XTSA1	146
BCX41	10k	SP000010896	BCX41E6433HTMA1	173	BFP405F	3k	SP000745258	BFP405FH6327XTSA1	146
BCX41	3k	SP000010894	BCX41E6327HTSA1	173	BFP410	3k	SP000762244	BFP410H6327XTSA1	146
BCX42	10k	SP000010902	BCX42E6433BTMA1	173	BFP420	10k	SP000745262	BFP420H6433XTMA1	146
BCX42	3k	SP000010900	BCX42E6327HTSA1	173	BFP420	3k	SP000745260	BFP420H6327XTSA1	146
BCX51-16	1k	SP000014827	BCX5116E6327HTSA1	171	BFP420	3k	SP000745264	BFP420H6740XTSA1	146
BCX51	1k	SP000014826	BCX51E6327HTSA1	171	BFP420	3k	SP000745266	BFP420H6801XTSA1	146
BCX52-16	1k	SP000014830	BCX5216E6327HTSA1	171	BFP420F	3k	SP000745268	BFP420FH6327XTSA1	146
BCX52-16	4k	SP000463248	BCX5216E6433HTMA1	171	BFP450	10k	SP000745272	BFP450H6433XTMA1	147
BCX52	1k	SP000014828	BCX52E6327HTSA1	171	BFP450	3k	SP000745270	BFP450H6327XTSA1	147
BCX53-10	1k	SP000010908	BCX5310E6327HTSA1	171	BFP460	3k	SP000745276	BFP460H6327XTSA1	146
BCX53-16	1k	SP000010907	BCX5316E6327HTSA1	171	BFP520	3k	SP000745280	BFP520H6327XTSA1	146
BCX53-16	4k	SP000010909	BCX5316E6433HTMA1	171	BFP520F	3k	SP000745282	BFP520FH6327XTSA1	146
BCX53	1k	SP000010906	BCX53E6327HTSA1	171	BFP540	3k	SP000745288	BFP540H6327XTSA1	146
BCX54-16	1k	SP000010918	BCX5416E6327HTSA1	171	BFP540ESD	3k	SP000745298	BFP540ESDH6327XTSA1	146
BCX55-16	1k	SP000010920	BCX5516E6327HTSA1	171	BFP540FESD	3k	SP000745300	BFP540FESDH6327XTSA1	146
BCX55-16	4k	SP000010922	BCX5516E6433HTMA1	171	BFP620	3k	SP000745302	BFP620H7764XTSA1	146
BCX55	1k	SP000010916	BCX55E6327HTSA1	171	BFP620F	3k	SP000745304	BFP620FH7764XTSA1	146
BCX56-10	1k	SP000010915	BCX5610E6327HTSA1	171	BFP640	3k	SP000745306	BFP640H6327XTSA1	146
BCX56-16	1k	SP000010913	BCX5616E6327HTSA1	171	BFP640ESD	3k	SP000785482	BFP640ESDH6327XTSA1	146
BCX56-16	4k	SP000017942	BCX5616E6433HTMA1	171	BFP640F	3k	SP000750404	BFP640FH6327XTSA1	146
BCX56	1k	SP000010914	BCX56E6327HTSA1	171	BFP640FESD	3k	SP000890034	BFP640FESDH6327XTSA1	146
BCX68-10	1k	SP000010924	BCX6810E6327HTSA1	171	BFP650	3k	SP000750406	BFP650H6327XTSA1	147
BCX68-16	1k	SP000010925	BCX6816E6327HTSA1	171	BFP650F	3k	SP000750408	BFP650FH6327XTSA1	147
BCX68-25	1k	SP000010926	BCX6825E6327HTSA1	171	BFP720	3k	SP000750410	BFP720H6327XTSA1	146
BCX69-10	1k	SP000010928	BCX6910E6327HTSA1	171	BFP720ESD	3k	SP000785484	BFP720ESDH6327XTSA1	146
BCX69-16	1k	SP000010929	BCX6916E6327HTSA1	171	BFP720F	3k	SP000750412	BFP720FH6327XTSA1	146
BCX69-25	1k	SP000010930	BCX6925E6327HTSA1	171	BFP720FESD	3k	SP000853562	BFP720FESDH6327XTSA1	146
BCX70G	3k	SP000010555	BCX70GE6327HTSA1	169	BFP740	3k	SP000750414	BFP740H6327XTSA1	146
BCX70H	10k	SP000010578	BCX70HE6433HTMA1	169	BFP740ESD	3k	SP000785486	BFP740FESDH6327XTSA1	146
BCX70H	3k	SP000010550	BCX70HE6327HTSA1	169	BFP740F	3k	SP000750416	BFP740FH6327XTSA1	147