

Cell phone

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Cell phone

Vishay components for Mobile Phone applications include:

- Diodes and Rectifiers
 - Power MOSFETs
 - Infrared Transceivers
 - Power Ics (load switch, dc-to-dc conversion, and other types)
 - Analog Switches and Multiplexers
 - Resistors (non-linear, thick film, thin film, wirewound, and other types)
 - Inductors
 - Capacitors (aluminum, ceramic, film, tantalum, silicon RF, and other types)
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Application Overview

Vishay manufactures a broad range of components for mobile phone (cell phone) applications, including radio frequency (RF) control, audio control, visual display, and power management. Vishay components also enable the use of SIM cards, support USB connectivity between cell phones and peripherals, enable data exchange between IrDA®-enabled or Bluetooth®-enabled mobile phones and peripherals, and support other key functions.

Cell phone : Audio, Audio Control

Analog Switches

Product Name	Status	Description	Features	Package	Q-Level
DG2002		Single-pole/double-throw analog switches	Max. supply voltage= 6 V; rON = 15 ohms	SMD SC70-6	
DG2011		Single-pole/double-throw analog switches	Max. supply voltage= 6 V; rON = 2.7 ohms	SMD SC89-6	
DG2018		Dual double-pole / double-throw analog switches	Max. supply voltage= 6 V; rON = 12 ohms	SMD QFN-16 3x3	
DG2711		Single-pole/double-throw analog switches	Max. supply voltage=3.6V; rON = 0.6 ohms	SMD SC70-6	
DG2717		Single-pole/double-throw analog switches	Max. supply voltage= 5 V; rON = 0.7 ohms	SMD SC89-6	
DG2731	NEW	Dual double-pole / double-throw analog switches;	Max. supply voltage=4.3V; rON = 0.3 ohms	SMD DFN-10-----MSOP-10	
DG2799		Dual double-pole / double-throw analog switches;	Max. supply voltage=3.6V; rON = 0.45 ohms	SMD QFN-16 3x3	
DG3015		Dual double-pole / double-throw analog switches;	Max. supply voltage = 6V; rON = 1.2 ohms	SMD MICRO FOOT 4x4	
DG4599		Single-pole/double-throw analog switches	Max. supply voltage= 6 V; rON = 95 ohms	SMD SC70-6	

ESD Protection Diodes

Product Name	Status	Description	Features	Package	Q-Level
GL05T to GL24T		Low-capacitance ESD protection diodes; single-line; for High-Speed Data Interfaces;	VZT = 5 V to 24 V; C = 5 pF;	SOT-23	
GSOT03 to GSOT36		Single-line ESD protection diode	VZT = 3.3 V to 36 V; C = 80 pF to 800 pF;	SMD SOT-23	
GSOT03C to GSOT36C		ESD protection diode array; 2-line or Bi-directional;	VZT = 3.3 V to 36 V; C = 80 pF to 800 pF;	SMD SOT-23	

Multilayer Ferrite Beads

Product Name	Status	Description	Features	Package	Q-Level
ILB-1206		Multilayer ferrite beads	19 ohms to 2000 ohms; IDCmax = 600 mA;	1206	
ILBB-0402		Multilayer ferrite beads	20 ohms to 600 ohms; IDCmax = 300 mA;	0402	
ILBB-0603		Multilayer ferrite beads	10 ohms to 2000 ohms; IDCmax = 500 mA;	0603	
ILBB-0805		Multilayer ferrite beads	7 ohms to 2200 ohms; IDCmax = 600 mA;	SMD 0805 EIA Size	
ILHB		Multilayer ferrite beads			

Schottky Diodes

Product Name	Status	Description	Features	Package	Q-Level
SL02		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 20 V, IF = 1100 mA	DO-219AB	
SL03		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 30 V, IF = 1100 mA	DO-219AB	
SL04		Small Signal, Single Schottky Diodes very low forward voltage drop;	VR = 40 V, IF = 1100 mA	DO-219AB	

Product Name	Status	Description	Features	Package	Q-Level
		high forward current capability;			

Switching Diodes

Product Name	Status	Description	Features	Package	Q-Level
1N4148WS		Small signal fast switching diodes; Low leakage current; space-saving SOD-323 SMD packages;	VRRM = 50 V to 75 V;	SMD SOD-323	
BAS16WS-V		Small Signal Fast Switching Diodes; Low Leakage Current; Space Saving SOD-323 SMD Package;	VRRM = 75 V	SMD SOD-323	
BAV19WS		Small Signal Fast Switching Diodes; Low Leakage Current; Space Saving SOD-323 SMD Package;	VRRM = 120 V to 250 V , IFRM = 625 mA;	SMD SOD-323	

Tantalum Capacitors

Product Name	Status	Description	Features	Package	Q-Level
592D	NEW	Solid Tantalum Chip Capacitors; TANTAMOUNT®; Low Profile; Maximum CV; Extended Range; Conformal Coated;	4 V to 35 V; 1µF - 3300µF 2.5mm to 1.3mm height	SMD A - X Case EIA Size	
595D		Solid Tantalum Chip Capacitors; TANTAMOUNT®; Low ESR; Maximum CV; Extended Range; Conformal Coated;	4 V to 50 V; 0.1 µF - 1500 µF;	SMD T - R Case EIA Size	

Zener Diodes

Product Name	Status	Description	Features	Package	Q-Level
BZX384-Series		Small Signal Zener Diodes Available in 5% and 2% Vz Tolerance; Space Saving SOD-323 SMD Package	Vzmin = 2.2 V; Vzmax = 79 V;	SMD SOD-323	
GDZ-Series		Small-signal Zener diodes Small SOD323 & 523 SMD package; Available with 5 % and 2 % Vz tolerance;	Vzmin = 2.02 V; Vzmax = 79 V;	SMD SOD-323	

Cell phone : Audio, Earpiece

Analog Switches

Product Name	Status	Description	Features	Package	Q-Level
DG2002		Single-pole/double-throw analog switches	Max. supply voltage= 6 V; rON = 15 ohms	SMD SC70-6	
DG2011		Single-pole/double-throw analog switches	Max. supply voltage= 6 V; rON = 2.7 ohms	SMD SC89-6	
DG2018		Dual double-pole / double-throw analog switches	Max. supply voltage= 6 V; rON = 12 ohms	SMD QFN-16 3x3	
DG2711		Single-pole/double-throw analog switches	Max. supply voltage=3.6V; rON = 0.6 ohms	SMD SC70-6	
DG2717		Single-pole/double-throw analog switches	Max. supply voltage= 5 V; rON = 0.7 ohms	SMD SC89-6	
DG2731	NEW	Dual double-pole / double-throw analog switches;	Max. supply voltage=4.3V; rON = 0.3 ohms	SMD DFN-10-----MSOP-10	
DG2799		Dual double-pole / double-throw analog switches;	Max. supply voltage=3.6V; rON = 0.45 ohms	SMD QFN-16 3x3	
DG3015		Dual double-pole / double-throw analog switches;	Max. supply voltage = 6V; rON = 1.2 ohms	SMD MICRO FOOT 4x4	
DG4599		Single-pole/double-throw analog switches	Max. supply voltage= 6 V; rON = 95 ohms	SMD SC70-6	

ESD Protection Diodes

Product Name	Status	Description	Features	Package	Q-Level
GL05T to GL24T		Low-capacitance ESD protection diodes; single-line; for High-Speed Data Interfaces;	VZT = 5 V to 24 V; C = 5 pF;	SOT-23	
GSOT03 to GSOT36		Single-line ESD protection diode	VZT = 3.3 V to 36 V; C = 80 pF to 800 pF;	SOT-23	
GSOT03C to GSOT36C		ESD protection diode array; 2-line or Bi-directional;	VZT = 3.3 V to 36 V; C = 80 pF to 800 pF;	SOT-23	

Schottky Diodes

Product Name	Status	Description	Features	Package	Q-Level
SL02		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 20 V, IF = 1100 mA	DO-219AB	
SL03		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 30 V, IF = 1100 mA	DO-219AB	
SL04		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 40 V, IF = 1100 mA	DO-219AB	

Switching Diodes

Product Name	Status	Description	Features	Package	Q-Level
1N4148WS		Small signal fast switching diodes; Low leakage current; space-saving SOD-323 SMD packages;	VRRM = 50 V to 75 V;	SMD SOD-323	
BAS16WS-V		Small Signal Fast Switching Diodes; Low Leakage Current; Space Saving SOD-323 SMD Package;	VRRM = 75 V	SMD SOD-323	
BAV19WS		Small Signal Fast Switching Diodes; Low Leakage Current;	VRRM = 120 V to 250 V , IFRM = 625 mA;	SMD SOD-323	

Product Name	Status	Description	Features	Package	Q-Level
		Space Saving SOD-323 SMD Package;			

Zener Diodes

Product Name	Status	Description	Features	Package	Q-Level
BZX384-Series		Small Signal Zener Diodes Available in 5% and 2% Vz Tolerance; Space Saving SOD-323 SMD Package	Vzmin = 2.2 V; Vzmax = 79 V;	SMD SOD-323	
GDZ-Series		Small-signal Zener diodes Small SOD323 & 523 SMD package; Available with 5 % and 2 % Vz tolerance;	Vzmin = 2.02 V; Vzmax = 79 V;	SMD SOD-323	

Cell phone : Audio, Handsfree

Analog Switches

Product Name	Status	Description	Features	Package	Q-Level
DG2002		Single-pole/double-throw analog switches	Max. supply voltage= 6 V; rON = 15 ohms	SMD SC70-6	
DG2011		Single-pole/double-throw analog switches	Max. supply voltage= 6 V; rON = 2.7 ohms	SMD SC89-6	
DG2018		Dual double-pole / double-throw analog switches	Max. supply voltage= 6 V; rON = 12 ohms	SMD QFN-16 3x3	
DG2711		Single-pole/double-throw analog switches	Max. supply voltage=3.6V; rON = 0.6 ohms	SMD SC70-6	
DG2717		Single-pole/double-throw analog switches	Max. supply voltage= 5 V; rON = 0.7 ohms	SMD SC89-6	
DG2731	NEW	Dual double-pole / double-throw analog switches;	Max. supply voltage=4.3V; rON = 0.3 ohms	SMD DFN-10-----MSOP-10	
DG2799		Dual double-pole / double-throw analog switches;	Max. supply voltage=3.6V; rON = 0.45 ohms	SMD QFN-16 3x3	
DG3015		Dual double-pole / double-throw analog switches;	Max. supply voltage = 6V; rON = 1.2 ohms	SMD MICRO FOOT 4x4	
DG4599		Single-pole/double-throw analog switches	Max. supply voltage= 6 V; rON = 95 ohms;	SMD SC70-6	

ESD Protection Diodes

Product Name	Status	Description	Features	Package	Q-Level
GL05T to GL24T		Low-capacitance ESD protection diodes; single-line; for High-Speed Data Interfaces;	VZT = 5 V to 24 V; C = 5 pF;	SOT-23	
GSOT03 to GSOT36		Single-line ESD protection diode	VZT = 3.3 V to 36 V; C = 80 pF to 800 pF;	SOT-23	
GSOT03C to GSOT36C		ESD protection diode array; 2-line or Bi-directional;	VZT = 3.3 V to 36 V; C = 80 pF to 800 pF;	SMD SOT-23	

Schottky Diodes

Product Name	Status	Description	Features	Package	Q-Level
SL02		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 20 V, IF = 1100 mA	DO-219AB	
SL03		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 30 V, IF = 1100 mA	DO-219AB	
SL04		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 40 V, IF = 1100 mA	DO-219AB	

Switching Diodes

Product Name	Status	Description	Features	Package	Q-Level
1N4148WS		Small signal fast switching diodes; Low leakage current; space-saving SOD-323 SMD packages;	VRRM = 50 V to 75 V; IFSM = 350 mA;	SMD SOD-323	
BAS16WS-V		Small Signal Fast Switching Diodes; Low Leakage Current; Space Saving SOD-323 SMD Package;	VRRM = 75 V	SMD SOD-323	
BAV19WS		Small Signal Fast Switching Diodes; Low Leakage Current;	VRRM = 120 V to 250 V , IFRM = 625 mA;	SMD SOD-323	

Product Name	Status	Description	Features	Package	Q-Level
		Space Saving SOD-323 SMD Package;			

Zener Diodes

Product Name	Status	Description	Features	Package	Q-Level
BZX384-Series		Small Signal Zener Diodes Available in 5% and 2% Vz Tolerance; Space Saving SOD-323 SMD Package	Vzmin = 2.2 V; Vzmax = 79 V;	SMD SOD-323	
GDZ-Series		Small-signal Zener diodes Small SOD323 & 523 SMD package; Available with 5 % and 2 % Vz tolerance;	Vzmin = 2.02 V; Vzmax = 79 V;	SMD SOD-323	

Cell phone : Baseband, Interface

Multilayer Ferrite Beads

Product Name	Status	Description	Features	Package	Q-Level
ILB-1206		Multilayer ferrite beads	19 ohms to 2000 ohms; IDCmax = 600 mA;	1206	
ILBB-0402		Multilayer ferrite beads	20 ohms to 600 ohms; IDCmax = 300 mA;	0402	
ILBB-0603		Multilayer ferrite beads	10 ohms to 2000 ohms; IDCmax = 500 mA;	0603	
ILBB-0805		Multilayer ferrite beads	7 ohms to 2200 ohms; IDCmax = 600 mA;	SMD 0805 EIA Size	
ILHB		High-current ferrite beads; Sizes: 0603, 0805, 1206, 1806, 1812;	30 ohms to 1300 ohms; IDCmax= 2000mA - 6000mA	SMD 0603 to 1812	

Schottky Diodes

Product Name	Status	Description	Features	Package	Q-Level
SL02		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 20 V, IF = 1100 mA	DO-219AB	
SL03		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 30 V, IF = 1100 mA	DO-219AB	
SL04		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 40 V, IF = 1100 mA	DO-219AB	

Switching Diodes

Product Name	Status	Description	Features	Package	Q-Level
1N4148WS		Small signal fast switching diodes; Low leakage current; space-saving SOD-323 SMD packages;	VRRM = 50 V to 75 V;	SMD SOD-323	
BAS16WS-V		Small Signal Fast Switching Diodes; Low Leakage Current; Space Saving SOD-323 SMD Package;	VRRM = 75 V	SMD SOD-323	
BAV19WS		Small Signal Fast Switching Diodes; Low Leakage Current; Space Saving SOD-323 SMD Package;	VRRM = 120 V to 250 V , IFRM = 625 mA;	SMD SOD-323	

Zener Diodes

Product Name	Status	Description	Features	Package	Q-Level
BZX384-Series		Small Signal Zener Diodes Available in 5% and 2% Vz Tolerance; Space Saving SOD-323 SMD Package	Vzmin = 2.2 V; Vzmax = 79 V;	SMD SOD-323	
GDZ-Series		Small-signal Zener diodes Small SOD323 & 523 SMD package; Available with 5 % and 2 % Vz tolerance;	Vzmin = 2.02 V; Vzmax = 79 V;	SMD SOD-323	

Cell phone : Battery, Battery Control

Power MOSFETs

Product Name	Status	Description	Features	Package	Q-Level
Si7900AEDN		ESD-protected bidirectional N-Ch. MOSFET for battery protection circuits	VDS = 20 V, rDS(on) = 0.026 Ohm; ID = 8.5A	SMD PowerPAK 1212-8	
Si7902EDN		ESD-protected bidirectional N-Ch. MOSFET for battery protection circuits	VDS = 30 V, rDS(on) = 0.028 Ohm; ID = 8.3A	SMD PowerPAK 1212-8	
Si8900EDB		ESD-protected bidirectional N-Ch. MOSFET for battery protection circuits	VDS = 20 V, rDS(on) = 0.0125 Ohm; ID = 7.0 A	SMD MICRO FOOT CSP	
Si8901DB		Bidirectional P-Channel MOSFET; for battery protection circuits	VDS = -20 V, rDS(on) = 0.030 Ohm; ID = -4.4 A	SMD MICRO FOOT CSP	
Si8901EDB		ESD-protected bidirectional P-Ch. MOSFET for battery protection circuits	VDS = -20 V, rDS(on) = 0.030 Ohm; ID = -4.4 A	SMD MICRO FOOT CSP	
Si8902EDB		ESD-protected bidirectional N-Ch. MOSFET for battery protection circuits	VDS = 20 V, rDS(on) = 0.0225 Ohm; ID = 5.0 A	SMD MICRO FOOT CSP	
Si8904EDB		ESD-protected bidirectional N-Ch. MOSFET for battery protection circuits	VDS = 30 V, rDS(on) = 0.0225 Ohm; ID = 4.9 A	SMD MICRO FOOT CSP	
SiF902EDZ	NEW	ESD-protected bidirectional N-Ch. MOSFET for battery protection circuits	VDS = 20 V, rDS(on) = 0.0022 Ohm; ID = 10.3 A	SMD 2x5 PowerPAK	
SiF912EDZ	NEW	ESD-protected bidirectional N-Ch. MOSFET for battery protection circuits	VDS = 30 V, rDS(on) = 0.0019 Ohm; ID = 10.7 A	SMD 2x5 PowerPAK	

Schottky Diodes

Product Name	Status	Description	Features	Package	Q-Level
SL02		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 20 V, IF = 1100 mA	DO-219AB	
SL03		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 30 V, IF = 1100 mA	DO-219AB	
SL04		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 40 V, IF = 1100 mA	DO-219AB	

Schottky Rectifiers

Product Name	Status	Description	Features	Package	Q-Level
SS2P2L	NEW	Schottky rectifiers; SMD; high-current-density; low-VF;	VR = 20 V; VF = 0.45 V; IF = 2.0 A;	SMD SMP DO-220AA	
SS2P3L	NEW	Schottky rectifiers; SMD; high-current-density; low-VF;	VR = 30 V, VF = 0.45 V; IF = 2.0 A;	SMD SMP DO-220AA	
SSA24		Schottky rectifiers; SMD; high-current-density; low-VF;	VR = 40 V, VF = 0.45 V; IF = 2.0 A;	SMD SMA DO-214AC	
SSA33L		Schottky rectifiers; SMD; high-current-density; low-VF;	VR = 30 V, VF = 0.45 V; IF = 3.0 A;	SMD SMA DO-214AC	
SSA34		Schottky rectifiers; SMD; high-current-density; low-VF;	VR = 40 V, VF = 0.45 V; IF = 3.0 A;	SMD SMA DO-214AC	

Switching Diodes

Product Name	Status	Description	Features	Package	Q-Level
1N4148WS		Small signal fast switching diodes;	VRRM = 50 V to 75 V;	SMD	

Product Name	Status	Description	Features	Package	Q-Level
		Low leakage current; space-saving SOD-323 SMD packages;		SOD-323	
BAS16WS-V		Small Signal Fast Switching Diodes; Low Leakage Current; Space Saving SOD-323 SMD Package;	VRRM = 75 V	SMD SOD-323	
BAV19WS		Small Signal Fast Switching Diodes; Low Leakage Current; Space Saving SOD-323 SMD Package;	VRRM = 120 V to 250 V , IFRM = 625 mA;	SMD SOD-323	

TVS Diodes

Product Name	Status	Description	Features	Package	Q-Level
SMA5J5.0 thru SMA5J40CA		High power density SMD TVS; uni- and bidirectional; 5 % and 10 % available;	VWM = 5 V to 40 V; P = 500 W;	SMD SMA DO-214AC	

Zener Diodes

Product Name	Status	Description	Features	Package	Q-Level
BZX384-Series		Small Signal Zener Diodes Available in 5% and 2% Vz Tolerance; Space Saving SOD-323 SMD Package	Vzmin = 2.2 V; Vzmax = 79 V;	SMD SOD-323	
GDZ-Series		Small-signal Zener diodes Small SOD323 & 523 SMD package; Available with 5 % and 2 % Vz tolerance;	Vzmin = 2.02 V; Vzmax = 79 V;	SMD SOD-323	

Cell phone : Displays, Camera

Multilayer Ferrite Beads

Product Name	Status	Description	Features	Package	Q-Level
ILB-1206		Multilayer ferrite beads	19 ohms to 2000 ohms; IDCmax = 600 mA;	1206	
ILBB-0402		Multilayer ferrite beads	20 ohms to 600 ohms; IDCmax = 300 mA;	0402	
ILBB-0603		Multilayer ferrite beads	10 ohms to 2000 ohms; IDCmax = 500 mA;	0603	
ILBB-0805		Multilayer ferrite beads	7 ohms to 2200 ohms; IDCmax = 600 mA;	SMD 0805 EIA Size	
ILHB		High-current ferrite beads; Sizes: 0603, 0805, 1206, 1806, 1812;	30 ohms to 1300 ohms; IDCmax= 2000mA - 6000mA	SMD 0603 to 1812	

Cell phone : Displays, LEDs

SMD 0603 LEDs

Product Name	Status	Description	Features	Package	Q-Level
TLMB1100	NEW	Blue Ultrabright 0603 LED	VF = 3.9 V @ IF = 20 mA	0603	
TLMG1100		Green Ultrabright 0603 LED	VF = 2.1 V @ IF = 20 mA	0603	
TLMO1000		Soft Orange 0603 LED	VF = 1.8 V @ IF = 2 mA	0603	
TLMO1100		Orange Ultrabright 0603 LED	VF = 2.1 V @ IF = 20 mA	0603	
TLMP1100		Pure Green Ultrabright 0603 LED	VF = 2.1 V @ IF = 20 mA	0603	
TLMS1000		RED 0603 LED	VF = 1.8 V @ IF = 2 mA	0603	
TLMS1100		RED Ultrabright 0603 LED	VF = 2.1 V @ IF = 20 mA	0603	
TLMY1000		Yellow 0603 LED	VF = 1.8 V @ IF = 2 mA	0603	
TLMY1100		Yellow Ultrabright 0603 LED	VF = 2.1 V @ IF = 20 mA	0603	

Cell phone : Displays, Light Control

Ambient Light Control

Product Name	Status	Description	Features	Package	Q-Level
TEMT6000	NEW	Ambient Light Sensor, SMD; for Display Backlight Dimming;	Adapted to human eye responsivity	SMD 2 mm x 4 mm	

Controller and Converter

Product Name	Status	Description	Features	Package	Q-Level
Si9169		High-frequency 1-A synchronous buck/boost converter	Input voltage range: 2.7 V to 6.0 V	SMD TSOP-20	
SiP12401	NEW	Boost controller for double AA cell or Li-Ion Battery for white LED's	Input voltage range: 1.8 V to 5 V; 600 kHz;	SMD MLP33-6 PowerPAK	
SiP12501	NEW	Boost converter f. single/double AA cell or NiMH battery for white LED's	Input voltage range: 0.65 V to 3.3 V; 600 kHz;	SMD MLP33-6 PowerPAK	

Inductors, Wirewound Magnetics

Product Name	Status	Description	Features	Package	Q-Level
IHLP-2525AH-01		High current, low profile inductors;	1.8-mm height	2525-AH	
IHLP-2525BD-01		High current, low profile inductors;	2.4-mm height	2525-BD	
IHLP-2525CZ-01		High current, low profile inductors;	3.0-mm height	2525-CZ	
IMC-1008		High Q/SRF Wirewound Inductors for higher frequencies; up to IDC = 1 Amp; up to 47 μ H;	Small Size 2.5x2.0x0.5mm	SMD 1008	
IMCH-1812		SMD High-current molded Inductor; up to IDC = 1 Amp; up to 330 μ H;	Small Size 4.5x3.2x3.2mm	SMD 1812	

Power MOSFETs

Product Name	Status	Description	Features	Package	Q-Level
Si1431DH		P-Channel 30-V (D-S) MOSFET to switch white LED's;	rDS(on) = 0.2 ohms; ID = 2.0 A;	SMD SC70-6	
Si1473DH		P-Channel 30-V (D-S) MOSFET to switch white LED's;	rDS(on) = 0.10 ohms; ID = 2.7 A;	SMD SC70-6 SOT-363	
Si3457CDV	NEW	P-Channel 30-V (D-S) MOSFET	rDS(on) = 0.074 ohms, ID = 5.1A; VGS= 10V	SMD TSOP-6	
Si3483CDV	NEW	P-Channel 30-V (D-S) MOSFET	rDS(on) = 0.034 ohms, ID(A) = -8a A	SMD TSOP-6	
Si5435BDC		P-Channel 30-V (D-S) MOSFET;	P-Channel 30-V (D-S) rDS(on) = 0.045 Ohm; ID = -5.9 A	SMD Chip-FET 1206-8	

Schottky Diodes

Product Name	Status	Description	Features	Package	Q-Level
SL02		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 20 V, IF = 1100 mA	DO-219AB	
SL03		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 30 V, IF = 1100 mA	DO-219AB	
SL04		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 40 V, IF = 1100 mA	DO-219AB	

Switching Diodes

Product Name	Status	Description	Features	Package	Q-Level
1N4148WS		Small signal fast switching diodes;	VRRM = 50 V to 75 V;	SMD	

Product Name	Status	Description	Features	Package	Q-Level
		Low leakage current; space-saving SOD-323 SMD packages;		SOD-323	
BAS16WS-V		Small Signal Fast Switching Diodes; Low Leakage Current; Space Saving SOD-323 SMD Package;	VRRM = 75 V	SMD SOD-323	
BAV19WS		Small Signal Fast Switching Diodes; Low Leakage Current; Space Saving SOD-323 SMD Package;	VRRM = 120 V to 250 V , IFRM = 625 mA;	SMD SOD-323	

Tantalum Capacitors

Product Name	Status	Description	Features	Package	Q-Level
592D	NEW	Solid Tantalum Chip Capacitors; TANTAMOUNT®; Low Profile; Maximum CV; Extended Range; Conformal Coated;	4 V to 35 V; 1 μ F - 3300 μ F 2.5mm to 1.3mm height	SMD A - X Case EIA Size	
595D		Solid Tantalum Chip Capacitors; TANTAMOUNT®; Low ESR; Maximum CV; Extended Range; Conformal Coated;	4 V to 50 V; 0.1 μ F - 1500 μ F;	SMD T - R Case EIA Size	

Zener Diodes

Product Name	Status	Description	Features	Package	Q-Level
BZX384-Series		Small Signal Zener Diodes Available in 5% and 2% Vz Tolerance; Space Saving SOD-323 SMD Package	Vzmin = 2.2 V; Vzmax = 79 V;	SMD SOD-323	
GDZ-Series		Small-signal Zener diodes Small SOD323 & 523 SMD package; Available with 5 % and 2 % Vz tolerance;	Vzmin = 2.02 V; Vzmax = 79 V;	SMD SOD-323	

Cell phone : Peripherals, Bluetooth

Attenuators

Product Name	Status	Description	Features	Package	Q-Level
CZA04S & CZA06S		Surface Mount Chip Resistor Attenuator	R = 50 ohms to 500 ohms; P = 40 mW to 75 mW;	SMD 0402; 0603	

Inductors

Product Name	Status	Description	Features	Package	Q-Level
IFCB-0402		Thin film ceramic chip inductor	L = 1 nH to 22 nH; I = 90 mA to 700 mA;	0402	
ILC-0402		High-frequency ceramic chip inductor; Multilayer;	L = 1 nH to 100 nH; I = 100 mA to 300 mA;	SMD 0402	
IMC-0402-01		Wirewound Surface Mount	L = 1 nH to 47 nH; I = 150 mA to 250 mA; Q = 13 to 26;	0402	

Multilayer Ferrite Beads

Product Name	Status	Description	Features	Package	Q-Level
ILB-1206		Multilayer ferrite beads	19 ohms to 2000 ohms; IDCmax = 600 mA;	1206	
ILBB-0402		Multilayer ferrite beads	20 ohms to 600 ohms; IDCmax = 300 mA;	0402	
ILBB-0603		Multilayer ferrite beads	10 ohms to 2000 ohms; IDCmax = 500 mA;	0603	
ILBB-0805		Multilayer ferrite beads	7 ohms to 2200 ohms; IDCmax = 600 mA;	SMD 0805 EIA Size	
ILHB		High-current ferrite beads; Sizes: 0603, 0805, 1206, 1806, 1812;	30 ohms to 1300 ohms; IDCmax= 2000mA - 6000mA	SMD 0603 to 1812	

Cell phone : Peripherals, Connectors

ESD Protection Diodes

Product Name	Status	Description	Features	Package	Q-Level
GL05T to GL24T		Low-capacitance ESD protection diodes; single-line; for High-Speed Data Interfaces;	VZT = 5 V to 24 V; C = 5 pF;	SOT-23	
GSOT03 to GSOT36		Single-line ESD protection diode	VZT = 3.3 V to 36 V; C = 80 pF to 800 pF;	SMD SOT-23	
GSOT03C to GSOT36C		ESD protection diode array; 2-line or Bi-directional;	VZT = 3.3 V to 36 V; C = 80 pF to 800 pF;	SMD SOT-23	

Multilayer Ferrite Beads

Product Name	Status	Description	Features	Package	Q-Level
ILB-1206		Multilayer ferrite beads	19 ohms to 2000 ohms; IDCmax = 600 mA;	1206	
ILBB-0402		Multilayer ferrite beads	20 ohms to 600 ohms; IDCmax = 300 mA;	0402	
ILBB-0603		Multilayer ferrite beads	10 ohms to 2000 ohms; IDCmax = 500 mA;	0603	
ILBB-0805		Multilayer ferrite beads	7 ohms to 2200 ohms; IDCmax = 600 mA;	SMD 0805 EIA Size	
ILHB		High-current ferrite beads; Sizes: 0603, 0805, 1206, 1806, 1812;	30 ohms to 1300 ohms; IDCmax= 2000mA - 6000mA	SMD 0603 to 1812	

Schottky Diodes

Product Name	Status	Description	Features	Package	Q-Level
SL02		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 20 V, IF = 1100 mA	DO-219AB	
SL03		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 30 V, IF = 1100 mA	DO-219AB	
SL04		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 40 V, IF = 1100 mA	DO-219AB	

Switching Diodes

Product Name	Status	Description	Features	Package	Q-Level
1N4148WS		Small signal fast switching diodes; Low leakage current; space-saving SOD-323 SMD packages;	VRRM = 50 V to 75 V;	SMD SOD-323	
BAS16WS-V		Small Signal Fast Switching Diodes; Low Leakage Current; Space Saving SOD-323 SMD Package;	VRRM = 75 V	SMD SOD-323	
BAV19WS		Small Signal Fast Switching Diodes; Low Leakage Current; Space Saving SOD-323 SMD Package;	VRRM = 120 V to 250 V , IFRM = 625 mA;	SMD SOD-323	

Zener Diodes

Product Name	Status	Description	Features	Package	Q-Level
BZX384-Series		Small Signal Zener Diodes Available in 5% and 2% Vz Tolerance; Space Saving SOD-323 SMD Package	Vzmin = 2.2 V; Vzmax = 79 V;	SMD SOD-323	
GDZ-Series		Small-signal Zener diodes Small SOD323 & 523 SMD package; Available with 5 % and 2 % Vz tolerance;	Vzmin = 2.02 V; Vzmax = 79 V;	SMD SOD-323	

Cell phone : Peripherals, IrDA

Infrared Transceiver

Product Name	Status	Description	Features	Package	Q-Level
TFBS4650		Standard IrDA with Low Power Consumption; Small Footprint;	115 kbit/s SIR	SMD 6.8x2.8x1.6mm	
TFBS4652		and Ultra Low Profile	115 kbit/s SIR	SMD 6.8x2.8x1.6mm	
TFBS4711	NEW	Standard IrDA with Smallest Footprint; Low Profile;	115 kbit/s SIR	SMD 6.0x3.0x1.9mm	

Cell phone : Peripherals, Keypad

ESD Protection Diodes

Product Name	Status	Description	Features	Package	Q-Level
GL05T to GL24T		Low-capacitance ESD protection diodes; single-line; for High-Speed Data Interfaces;	VZT = 5 V to 24 V; C = 5 pF;	SOT-23	
GSOT03 to GSOT36		Single-line ESD protection diode	VZT = 3.3 V to 36 V; C = 80 pF to 800 pF;	SMD SOT-23	
GSOT03C to GSOT36C		ESD protection diode array; 2-line or Bi-directional;	VZT = 3.3 V to 36 V; C = 80 pF to 800 pF;	SMD SOT-23	

Multilayer Ferrite Beads

Product Name	Status	Description	Features	Package	Q-Level
ILB-1206		Multilayer ferrite beads	19 ohms to 2000 ohms; IDCmax = 600 mA;	1206	
ILBB-0402		Multilayer ferrite beads	20 ohms to 600 ohms; IDCmax = 300 mA;	0402	
ILBB-0603		Multilayer ferrite beads	10 ohms to 2000 ohms; IDCmax = 500 mA;	0603	
ILBB-0805		Multilayer ferrite beads	7 ohms to 2200 ohms; IDCmax = 600 mA;	SMD 0805 EIA Size	
ILHB		High-current ferrite beads; Sizes: 0603, 0805, 1206, 1806, 1812;	30 ohms to 1300 ohms; IDCmax= 2000mA - 6000mA	SMD 0603 to 1812	

Schottky Diodes

Product Name	Status	Description	Features	Package	Q-Level
SL02		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 20 V, IF = 1100 mA	DO-219AB	
SL03		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 30 V, IF = 1100 mA	DO-219AB	
SL04		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 40 V, IF = 1100 mA	DO-219AB	

Switching Diodes

Product Name	Status	Description	Features	Package	Q-Level
1N4148WS		Small signal fast switching diodes; Low leakage current; space-saving SOD-323 SMD packages;	VRRM = 50 V to 75 V;	SMD SOD-323	
BAS16WS-V		Small Signal Fast Switching Diodes; Low Leakage Current; Space Saving SOD-323 SMD Package;	VRRM = 75 V	SMD SOD-323	
BAV19WS		Small Signal Fast Switching Diodes; Low Leakage Current; Space Saving SOD-323 SMD Package;	VRRM = 120 V to 250 V , IFRM = 625 mA;	SMD SOD-323	

Zener Diodes

Product Name	Status	Description	Features	Package	Q-Level
BZX384-Series		Small Signal Zener Diodes Available in 5% and 2% Vz Tolerance; Space Saving SOD-323 SMD Package	Vzmin = 2.2 V; Vzmax = 79 V;	SMD SOD-323	
GDZ-Series		Small-signal Zener diodes Small SOD323 & 523 SMD package; Available with 5 % and 2 % Vz tolerance;	Vzmin = 2.02 V; Vzmax = 79 V;	SMD SOD-323	

Cell phone : Peripherals, SIM Card

ESD Protection Diodes

Product Name	Status	Description	Features	Package	Q-Level
GL05T to GL24T		Low-capacitance ESD protection diodes; single-line; for High-Speed Data Interfaces;	VZT = 5 V to 24 V; C = 5 pF;	SOT-23	
GSOT03 to GSOT36		Single-line ESD protection diode	VZT = 3.3 V to 36 V; C = 80 pF to 800 pF;	SMD SOT-23	
GSOT03C to GSOT36C		ESD protection diode array; 2-line or Bi-directional;	VZT = 3.3 V to 36 V; C = 80 pF to 800 pF;	SMD SOT-23	

Schottky Diodes

Product Name	Status	Description	Features	Package	Q-Level
SL02		Small Signal, Single Schottky Diodes; very low forward voltage drop; high forward current capability;	VR = 20 V, IF = 1100 mA	DO-219AB	
SL03		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 30 V, IF = 1100 mA	DO-219AB	
SL04		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 40 V, IF = 1100 mA	DO-219AB	

Switching Diodes

Product Name	Status	Description	Features	Package	Q-Level
1N4148WS		Small signal fast switching diodes; Low leakage current; space-saving SOD-323 SMD packages;	VRRM = 50 V to 75 V;	SMD SOD-323	
BAS16WS-V		Small Signal Fast Switching Diodes; Low Leakage Current; Space Saving SOD-323 SMD Package;	VRRM = 75 V	SMD SOD-323	
BAV19WS		Small Signal Fast Switching Diodes; Low Leakage Current; Space Saving SOD-323 SMD Package;	VRRM = 120 V to 250 V , IFRM = 625 mA;	SMD SOD-323	

Zener Diodes

Product Name	Status	Description	Features	Package	Q-Level
BZX384-Series		Small Signal Zener Diodes Available in 5% and 2% Vz Tolerance; Space Saving SOD-323 SMD Package	Vzmin = 2.2 V; Vzmax = 79 V;	SMD SOD-323	
GDZ-Series		Small-signal Zener diodes Small SOD323 & 523 SMD package; Available with 5 % and 2 % Vz tolerance;	Vzmin = 2.02 V; Vzmax = 79 V;	SMD SOD-323	

Cell phone : Peripherals, USB

Analog Switches

Product Name	Status	Description	Features	Package	Q-Level
DG2536		Dual double-pole / double-throw analog switches; Low r(on);	Max. supply voltage= 6 V; rON = 0.4 ohms	SMD DFN-10 MSOP-10	
DG3516		Dual double-pole / double-throw analog switches;	Max. supply voltage=5.5V; rON = 2.9 ohms	SMD MICRO FOOT CSP	
DG3535		Dual double-pole / double-throw analog switches;	Max. supply voltage= 6 V; rON = 0.4 ohms	SMD MICRO FOOT CSP	

ESD Protection Diodes

Product Name	Status	Description	Features	Package	Q-Level
GL05T to GL24T		Low-capacitance ESD protection diodes; single-line; for High-Speed Data Interfaces;	VZT = 5 V to 24 V; C = 5 pF;	SOT-23	
GSOT03 to GSOT36		Single-line ESD protection diode	VZT = 3.3 V to 36 V; C = 80 pF to 800 pF;	SMD SOT-23	
GSOT03C to GSOT36C		ESD protection diode array; 2-line or Bi-directional;	VZT = 3.3 V to 36 V; C = 80 pF to 800 pF;	SMD SOT-23	

Multilayer Ferrite Beads

Product Name	Status	Description	Features	Package	Q-Level
ILB-1206		Multilayer ferrite beads	19 ohms to 2000 ohms; IDCmax = 600 mA;	1206	
ILBB-0402		Multilayer ferrite beads	20 ohms to 600 ohms; IDCmax = 300 mA;	0402	
ILBB-0603		Multilayer ferrite beads	10 ohms to 2000 ohms; IDCmax = 500 mA;	0603	
ILBB-0805		Multilayer ferrite beads	7 ohms to 2200 ohms; IDCmax = 600 mA;	SMD 0805 EIA Size	
ILHB		High-current ferrite beads; Sizes: 0603, 0805, 1206, 1806, 1812;	30 ohms to 1300 ohms; IDCmax= 2000mA - 6000mA	SMD 0603 to 1812	

Schottky Diodes

Product Name	Status	Description	Features	Package	Q-Level
SL02		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 20 V, IF = 1100 mA	DO-219AB	
SL03		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 30 V, IF = 1100 mA	DO-219AB	
SL04		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 40 V, IF = 1100 mA	DO-219AB	

Switching Diodes

Product Name	Status	Description	Features	Package	Q-Level
1N4148WS		Small signal fast switching diodes; Low leakage current; space-saving SOD-323 SMD packages;	VRRM = 50 V to 75 V;	SMD SOD-323	
BAS16WS-V		Small Signal Fast Switching Diodes; Low Leakage Current; Space Saving SOD-323 SMD Package;	VRRM = 75 V	SMD SOD-323	

Product Name	Status	Description	Features	Package	Q-Level
BAV19WS		Small Signal Fast Switching Diodes; Low Leakage Current; Space Saving SOD-323 SMD Package;	VRRM = 120 V to 250 V , IFRM = 625 mA;	SMD SOD-323	

Zener Diodes

Product Name	Status	Description	Features	Package	Q-Level
BZX384-Series		Small Signal Zener Diodes Available in 5% and 2% Vz Tolerance; Space Saving SOD-323 SMD Package	Vzmin = 2.2 V; Vzmax = 79 V;	SMD SOD-323	
GDZ-Series		Small-signal Zener diodes Small SOD323 & 523 SMD package; Available with 5 % and 2 % Vz tolerance;	Vzmin = 2.02 V; Vzmax = 79 V;	SMD SOD-323	

Power MOSFETs

Product Name	Status	Description	Features	Package	Q-Level
Si1489DH	NEW	Low Threshold Voltage P-channel MOSFET; with RDSON Rating at 1.5 V;	VDS = -8 V; rDS(on) = 97mΩ@-1.5V ID = -1.5A;	SMD SC70-6	
Si3495DV		Low Threshold Voltage P-channel MOSFET; with RDSON Rating at 1.5 V;	VDS = -20 V; ID = -7 A; rDS(on) = 48 milliohms	SMD TSOP-6	
Si3499DV		Low Threshold Voltage P-channel MOSFET; with RDSON Rating at 1.5 V;	VDS = -8 V; ID = -7 A; rDS(on) = 48 milliohms	SMD TSOP-6	
Si5499DC		Low Threshold Voltage P-channel MOSFET; with RDSON Rating at 1.5 V;	VDS = -8 V, rDS(on) = 0.077 Ohm; ID = -6.0 A	SMD Chip-FET 1206-8	
Si8429DB		P-Channel 1.2-V (G-S) MOSFET;	VDS = -8 V, rDS(on) = 0.035 Ohm; ID = -11.7 A	SMD MICRO FOOT	

Schottky Diodes

Product Name	Status	Description	Features	Package	Q-Level
SL02		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 20 V, IF = 1100 mA	DO-219AB	
SL03		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 30 V, IF = 1100 mA	DO-219AB	
SL04		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 40 V, IF = 1100 mA	DO-219AB	

Switching Diodes

Product Name	Status	Description	Features	Package	Q-Level
1N4148WS		Small signal fast switching diodes; Low leakage current; space-saving SOD-323 SMD packages;	VRRM = 50 V to 75 V;	SMD SOD-323	
BAS16WS-V		Small Signal Fast Switching Diodes; Low Leakage Current; Space Saving SOD-323 SMD Package;	VRRM = 75 V	SMD SOD-323	
BAV19WS		Small Signal Fast Switching Diodes; Low Leakage Current; Space Saving SOD-323 SMD Package;	VRRM = 120 V to 250 V , IFRM = 625 mA;	SMD SOD-323	

Zener Diodes

Product Name	Status	Description	Features	Package	Q-Level
BZX384-Series		Small Signal Zener Diodes Available in 5% and 2% Vz Tolerance; Space Saving SOD-323 SMD Package	Vzmin = 2.2 V; Vzmax = 79 V;	SMD SOD-323	
GDZ-Series		Small-signal Zener diodes Small SOD323 & 523 SMD package; Available with 5 % and 2 % Vz tolerance;	Vzmin = 2.02 V; Vzmax = 79 V;	SMD SOD-323	

Cell phone : Power Management, Charge Control

Battery Charger Controller

Product Name	Status	Description	Features	Package	Q-Level
Si3851DV		Single P-Channel MOSFET with integrated Schottky;	VDS = -30 V, ID = -1.8 A rDS(on) = 360 milliohms	SMD TSOP-6	
Si3853DV		Single P-Channel MOSFET with integrated Schottky;	VDS = -20 V, ID = -1.8 A rDS(on) = 200 milliohms	SMD TSOP-6	
Si3871DV		Single P-Channel MOSFET; with integrated low-VF Schottky;	VDS = -20 V, ID = -2.7 A rDS(on) = 175 milliohms	SMD TSOP-6	
Si3911DV		Dual P-Channel MOSFET	VDS = -20 V, ID = -2.2 A rDS(on) = 200 milliohms	SMD TSOP-5	
Si5441BDC	NEW	Single P-Channel MOSFET;	VDS = -20 V rDS(on) = 0.045 Ohm; ID = -6.1 A	SMD Chip-FET 1206-8	
Si5853DC		Single P-Ch MOSFET; with integrated Schottky;	VDS = -20 V, rDS(on) = 0.160 Ohm; ID = -3.6 A	SMD Chip-FET 1206-8	
Si5855DC		Single P-Ch MOSFET; with integrated low-VF Schottky;	VDS = -20 V, rDS(on) = 0.160 Ohm; ID = -3.6 A	SMD Chip-FET 1206-8	
Si8401DB		Single P-Channel MOSFET;	VDS = -20 V, rDS(on) = 0.065 Ohm; ID = -4.9A	SMD MICRO FOOT CSP	

Fuses

Product Name	Status	Description	Features	Package	Q-Level
MFU	NEW	Thin film flat chip fuses	32 V to 63 V; Fuse Current=0.5A to 5A;	SMD 0402 - 1206	

Schottky Diodes

Product Name	Status	Description	Features	Package	Q-Level
SL02		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 20 V, IF = 1100 mA	DO-219AB	
SL03		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 30 V, IF = 1100 mA	DO-219AB	
SL04		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 40 V, IF = 1100 mA	DO-219AB	

Shunt Resistors

Product Name	Status	Description	Features	Package	Q-Level
WSL		Power Metal Strip, for current sensing; low resistance values; tight tolerances; low TCR;	0.001 to 0.500 Ohms; Tol.= 0.5 % to 1 %	SMD 0603 - 2816	

Switching Diodes

Product Name	Status	Description	Features	Package	Q-Level
1N4148WS		Small signal fast switching diodes; Low leakage current; space-saving SOD-323 SMD packages;	VRRM = 50 V to 75 V;	SMD SOD-323	
BAS16WS-V		Small Signal Fast Switching Diodes; Low Leakage Current; Space Saving SOD-323 SMD Package;	VRRM = 75 V	SMD SOD-323	
BAV19WS		Small Signal Fast Switching Diodes; Low Leakage Current;	VRRM = 120 V to 250 V , IFRM = 625 mA;	SMD SOD-323	

Product Name	Status	Description	Features	Package	Q-Level
		Space Saving SOD-323 SMD Package;			

Tantalum Capacitors

Product Name	Status	Description	Features	Package	Q-Level
298D	NEW	Solid Tantalum Chip Capacitors; MICROTAN# Lead Frameless Molded;	4 V to 16 V, 1 μ F - 47 μ F	SMD 0402 -0603	
592D	NEW	Solid Tantalum Chip Capacitors; TANTAMOUNT@; Low Profile; Maximum CV; Extended Range; Conformal Coated;	4 V to 35 V; 1 μ F - 3300 μ F 2.5mm to 1.3mm height	SMD A - X Case EIA Size	
595D		Solid Tantalum Chip Capacitors; TANTAMOUNT@; Low ESR; Maximum CV; Extended Range; Conformal Coated;	4 V to 50 V; 0.1 μ F - 1500 μ F;	SMD T - R Case EIA Size	

Zener Diodes

Product Name	Status	Description	Features	Package	Q-Level
BZX384-Series		Small Signal Zener Diodes Available in 5% and 2% Vz Tolerance; Space Saving SOD-323 SMD Package	Vzmin = 2.2 V; Vzmax = 79 V;	SMD SOD-323	
GDZ-Series		Small-signal Zener diodes Small SOD323 & 523 SMD package; Available with 5 % and 2 % Vz tolerance;	Vzmin = 2.02 V; Vzmax = 79 V;	SMD SOD-323	

Cell phone : Power Management, Load Control

Power MOSFETs

Product Name	Status	Description	Features	Package	Q-Level
Si1040X		Logic Level P-channel Load switch with Level Shift;	VDS = -8 V; rDS(on) = 625 milliohms; ID = -0.43 A;	SMD SC-89	
Si1489EDH	NEW	Low Threshold Voltage P-channel MOSFET; with RDSon Rating at 1.5 V and 1.2V	VDS = -8 V; rDS(on) = .097Ohm@1.5 ID = -3 A;	SMD SC70-6 SOT-363	
Si1869DH		Load switch with Level Shift	VDS = -20 V; rDS(on) = 0.165ohm, ID = -1.2 A;	SMD SC70-6	
Si3495DV		Low Threshold Voltage P-channel MOSFET; with RDSon Rating at 1.5 V;	VDS = -20 V; ID = -7 A; rDS(on) = 48 milliohms	SMD TSOP-6	
Si3499DV		Low Threshold Voltage P-channel MOSFET; with RDSon Rating at 1.5 V;	VDS = -8 V; ID = -7 A; rDS(on) = 48 milliohms	SMD TSOP-6	
Si3865BDV		Logic Level P-channel Load switch with Level Shift;	VDS = -8 V, ID = -2.5 A rDS(on) = 80 milliohms	SMD TSOP-6	
Si5499DC		Low Threshold Voltage P-channel MOSFET; with RDSon Rating at 1.5 V;	VDS = -8 V, rDS(on) = 0.077 Ohm; ID = -6.0 A	SMD Chip-FET 1206-8	
Si8419DB		Low Threshold Voltage P-Channel MOSFET; with RDSon Rating at 1.5 V	VDS = -8 V, rDS(on) = 0.069 Ohm; ID = -7.8 A	SMD MICRO FOOT CSP	

Schottky Diodes

Product Name	Status	Description	Features	Package	Q-Level
SL02		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 20 V, IF = 1100 mA	DO-219AB	
SL03		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 30 V, IF = 1100 mA	DO-219AB	
SL04		Small Signal, Single Schottky Diodes very low forward voltage drop; high forward current capability;	VR = 40 V, IF = 1100 mA	DO-219AB	

Switching Diodes

Product Name	Status	Description	Features	Package	Q-Level
1N4148WS		Small signal fast switching diodes; Low leakage current; space-saving SOD-323 SMD packages;	VRRM = 50 V to 75 V;	SMD SOD-323	
BAS16WS-V		Small Signal Fast Switching Diodes; Low Leakage Current; Space Saving SOD-323 SMD Package;	VRRM = 75 V	SMD SOD-323	
BAV19WS		Small Signal Fast Switching Diodes; Low Leakage Current; Space Saving SOD-323 SMD Package;	VRRM = 120 V to 250 V , IFRM = 625 mA;	SMD SOD-323	

Tantalum Capacitors

Product Name	Status	Description	Features	Package	Q-Level
592D	NEW	Solid Tantalum Chip Capacitors; TANTAMOUNT®; Low Profile; Maximum CV; Extended Range; Conformal Coated;	4 V to 35 V, 1µF-3,300µF 2.5mm to 1.3mm height;	SMD A - X Case EIA Size	
595D		Solid Tantalum Chip Capacitors;	4 V to 50 V;	SMD	

Product Name	Status	Description	Features	Package	Q-Level
		TANTAMOUNT®; Low ESR; Maximum CV; Extended Range; Conformal Coated;	0.1 μ F - 1500 μ F;	T - R Case EIA Size	

Zener Diodes

Product Name	Status	Description	Features	Package	Q-Level
BZX384-Series		Small Signal Zener Diodes Available in 5% and 2% Vz Tolerance; Space Saving SOD-323 SMD Package	Vzmin = 2.2 V; Vzmax = 79 V;	SMD SOD-323	
GDZ-Series		Small-signal Zener diodes Small SOD323 & 523 SMD package; Available with 5 % and 2 % Vz tolerance;	Vzmin = 2.02 V; Vzmax = 79 V;	SMD SOD-323	

Cell phone : RF Section, Duplexer

Attenuators

Product Name	Status	Description	Features	Package	Q-Level
CZA04S		Surface Mount Chip Resistor Attenuator thick film technology; for frequencies up to 3 GHz;	R = 50 ohms to 500 ohms; P = 40 mW to 75 mW;	SMD 0402	
CZA06S		Surface Mount Chip Resistor Attenuator	R = 50 ohms to 500 ohms; P = 40 mW to 75 mW;	SMD 0603;	

Inductors

Product Name	Status	Description	Features	Package	Q-Level
IFCB-0402		Thin film ceramic chip inductor	L = 1 nH to 22 nH; I = 90 mA to 700 mA;	'0402	
ILC-0402		High-frequency ceramic chip inductor; Multilayer;	L = 1 nH to 100 nH; I = 100 mA to 300 mA;	SMD 0402	
IMC-0402-01		Wirewound Surface Mount	L = 1 nH to 47 nH; I = 150 mA to 250 mA; Q = 13 to 26;	'0402	

Cell phone : RF Section, PA Control

Thermistors

Product Name	Status	Description	Features	Package	Q-Level
2381 615 4... NTCS0402E3...		SMD NTC thermistor; with high sensitivity and high accuracy	4.7 k Ω to 100 k Ω ; Ptot max= 125mW;	SMD 0402	
NTHS		SMD NTC thermistor	4.7 k Ω to 350 k Ω	SMD 0402	
TFPT		SMD linear PTC with high TC and tight tolerance;	4110 ppm/ $^{\circ}$ C; 100 ohms to 1 kilohm; 75 mW;	SMD 0603	

Cell phone : RF Section, Receiver

Attenuators

Product Name	Status	Description	Features	Package	Q-Level
CZA04S & CZA06S		Surface Mount Chip Resistor Attenuator	R = 50 ohms to 500 ohms; P = 40 mW to 75 mW;	SMD 0402; 0603	

Inductors

Product Name	Status	Description	Features	Package	Q-Level
IFCB-0402		Thin film ceramic chip inductor	L = 1 nH to 22 nH; I = 90 mA to 700 mA;	'0402	
ILC-0402		High-frequency ceramic chip inductor; Multilayer;	L = 1 nH to 100 nH; I = 100 mA to 300 mA;	SMD 0402	
IMC-0402-01		Wirewound Surface Mount	L = 1 nH to 47nH; I = 150 mA to 250 mA; Q = 13 to 26;	'0402	

Cell phone : RF Section, RF Modulator

Attenuators

Product Name	Status	Description	Features	Package	Q-Level
CZA04S & CZA06S		Surface Mount Chip Resistor Attenuator	R = 50 ohms to 500 ohms; P = 40 mW to 75 mW;	SMD 0402; 0603	

Inductors

Product Name	Status	Description	Features	Package	Q-Level
IFCB-0402		Thin film ceramic chip inductor	L = 1 nH to 22 nH; I = 90 mA to 700 mA;	'0402	
ILC-0402		High-frequency ceramic chip inductor; Multilayer;	L = 1 nH to 100 nH; I = 100 mA to 300 mA;	SMD 0402	
IMC-0402-01		Wirewound Surface Mount	L = 1 nH to 47 nH; I = 150 mA to 250 mA; Q = 13 to 26;	'0402	