

Quantity	Supplier	Supplier Part No.	Value	Description	Designator	Manufacturer	Manufacturer Part No.	Footprint	Package
2	Digi-Key	160-1426-1-ND		LED GREEN CLEAR SMD	D1, D7	Lite-On Inc.	LTST-C171KGKT	RES 0805/2012	0805D
2	Digi-Key	160-1427-1-ND		LED RED CLEAR SMD	D3, D8	Lite-On Inc.	LTST-C171KRKT	RES 0805/2012	0805D
1	Digi-Key	311-1.02MCRCT-ND	1.02M	RES SMD 1.02M OHM 1% 1/8W 0805	R9	Yageo	RC0805FR-071M02L	RES 0805/2012	0805R
2	Digi-Key	311-1.20MCRCT-ND	1.2M	RES SMD 1.2M OHM 1% 1/8W 0805	R13, R20	Yageo	RC0805FR-071M2L	RES 0805/2012	0805R
1	Digi-Key	311-470CRCT-ND	470R	RES SMD 470 OHM 1% 1/8W 0805	R6	Yageo	RC0805FR-07470RL	RES 0805/2012	0805R
1	Digi-Key	311-511CRCT-ND	511R	RES SMD 511 OHM 1% 1/8W 0805	R7	Yageo	RC0805FR-07511RL	RES 0805/2012	0805R
1	Digi-Key	311-620CRCT-ND	620R	RES SMD 620 OHM 1% 1/8W 0805	R21	Yageo	RC0805FR-07620RL	RES 0805/2012	0805R
2	Digi-Key	399-1117-1-ND	47pF	CAP CER 47PF 50V COG/NP0 0805	C22, C25	KEMET	C0805C470J5GACTU	CAP 0805/2012	0805C
3	Digi-Key	399-1172-1-ND	1uF	CAP CER 1UF 10V X7R 0805	C9, C10, C11	KEMET	C0805C105K8RACTU	CAP 0805/2012	0805C
2	Digi-Key	399-8036-1-ND	22pF	CAP CER 22PF 50V COG/NP0 0805	C23, C26	KEMET	C0805C220J5GACTU	CAP 0805/2012	0805C
4	Digi-Key	445-16116-1-ND	6.8uF	CAP CER 6.8UF 10V X75 0805	C28, C30, C32, C34	TDK Corporation	CGA4J3X751A685K125AB	CAP 0805/2012	0805C
2	Digi-Key	450-1759-1-ND		SWITCH TACTILE SPST-NO 0.05A 24V	S1, S2	TE Connectivity ALCOSWITCH Switches	FSM4J5MATR	SPNO_SMD	
8	Digi-Key	478-3755-1-ND	0.1uF	CAP CER 0.1UF 25V X7R 0805	C4, C5, C6, C7, C8, C19, C36, C37	AVX Corporation	08053C104KAT2A	CAP 0805/2012	0805C
2	Digi-Key	478-10020-ND	35F	CAPACITOR 35F 20% 2.7V T/H	C16, C17	AVX Corporation	SCCU30B356MRB	CAP AL TH D16 L7.5 H27	Radial, Can
5	Digi-Key	490-6058-1-ND	0.01uF, 0.01uF, 0.01uF, 0.01uF, 10nF	CAP CER 10000PF 50V X7R 0805	C27, C29, C31, C33, C35	Murata Electronics North America	GCM216R7H103KA37D	CAP 0805/2012	0805C
1	Digi-Key	497-5235-1-ND		TVS DIODE 5.25V 1TV SOT23-6	D6	STMicroelectronics	USBLC6-2SC6	SOT23-6N	SOT-23-6
1	Digi-Key	507-1777-1-ND		PTC RESET FUSE 8V 2A 1812	F1	Bell Fuse Inc.	0ZCG0200FF2C	CAP 1812/4532 3.5MM	1812
1	Digi-Key	732-1021-1-ND	4.7uH	FIXED IND 4.7UH 1.72A 82 MOHM	L1	Würth Electronics Inc.	744042004	WE-TPC_4818	4818
1	Digi-Key	732-2108-ND		CONN COM TYPE B USB HORZ 4POS	J7	Würth Electronics Inc.	61400416121	61400416121	
1	Digi-Key	768-1007-1-ND		IC USB FS SERIAL UART 28-SSOP	U9	FTDI, Future Technology Devices International Ltd	FT232RL-REEL	SOP-28N	28-SSOP
1	Digi-Key	863-1495-1-ND	AAT1217-1.2	IC REG BST ADJ 0.6A SYNC TSOT23	U3	Skyworks Solutions Inc.	AAT1217ICA-1.2-T1	SOT23-6N	TSOT-23-6
2	Digi-Key	1276-1065-1-ND	4.7uF	CAP CER 4.7UF 16V X5R 0805	C21, C24	Samsung Electro-Mechanics	CL21A475KOFNNNE	CAP 0805/2012	0805C
7	Digi-Key	1276-2398-1-ND	10uF	CAP CER 10UF 16V X5R 0805	C3, C12, C13, C14, C18, C20, C38	Samsung Electro-Mechanics	CL21A106KOCL3RC	CAP 0805/2012	0805C
2	Digi-Key	1276-6374-1-ND		FERRITE BEAD 100 OHM 0805 1LN	FB1, FB2	Samsung Electro-Mechanics	CL21P101NE	FER 0805/2012	0805L
1	Digi-Key	1276-6458-1-ND	2.2uF	CAP CER 2.2UF 25V X5R 0805	C15	Samsung Electro-Mechanics	CL21A225KAFNNNG	CAP 0805/2012	0805C
1	Digi-Key	ADM8829ARTZ-REEL7CT-ND		IC REG SWTCHD CAP INV 25MA SOT23	U2	Analog Devices Inc.	ADM8829ARTZ-REEL7CT-ND	SOT95P237X145-6N	SOT-23-6
2	Digi-Key	BAT54SLT1GOSCT-ND		DIODE ARRAY SCHOTTKY 30V SOT23-3	D4, D5	ON Semiconductor	BAT54SLT1G	SOT95P237X111-3N	SOT-23-3
1	Digi-Key	DSPIC33EP64GS504-1/P1-ND	dSPIC33EP64GS504	IC MCU 16BIT 64KB FLASH 44TQFP	U1	Microchip Technology	DSPIC33EP64GS504-1/P1	TQFP-P80P(1200X1200X)20.44N	44-TQFP
3	Digi-Key	FAN42741MU8XFSC-ND	FAN4274	IC OPAMP VFB 3.7MHZ RRO 8MSOP	U6, U7, U8	ON Semiconductor	FAN42741MU8X	TSOP65P490X110-8N	8-TSSOP
1	Digi-Key	LTC4425EMSE#PBF-ND	LTC4425	IC SUPERCAP CHARGER 12-TSSOP	U4	Linear Technology/Analog Devices	LTC4425EMSE#PBF	TSOP-13N	12-TSSOP
1	Digi-Key	MBR0520LCT-ND	MBR0520L	DIODE SCHOTTKY 20V 500MA SOD123	D2	ON Semiconductor	MBR0520L	SODFL375X128-2N	SOD-123
1	Digi-Key	MCP1703AT-3302E/CBCT-ND	MCP1703A/3V3	IC REG LIN 3.3V 250MA SOT23A-3	U5	Microchip Technology	MCP1703AT-3302E/CB	SOT23-3N	SOT-23-3
6	Digi-Key	P0.0ACT-ND	0R	RES SMD 0 OHM JUMPER 1/8W 0805	R3, R4, R16, R17, R18, R40	Panasonic Electronic Components	ERJ-6GEY0R00V	RES 0805/2012	0805R
3	Digi-Key	P1.0MACT-ND	1M	RES SMD 1M OHM 5% 1/8W 0805	R8, R12, R15	Panasonic Electronic Components	ERJ-6GEYJ105V	RES 0805/2012	0805R
1	Digi-Key	P1.50MCCT-ND	1.5M	RES SMD 1.5M OHM 1% 1/8W 0805	R11	Panasonic Electronic Components	ERJ-6ENF1504V	RES 0805/2012	0805R
2	Digi-Key	P2.00KCCT-ND	2k	RES SMD 2K OHM 1% 1/8W 0805	R19, R25	Panasonic Electronic Components	ERJ-6ENF2001V	RES 0805/2012	0805R
3	Digi-Key	P2.1B7CT-ND	2.1M	RES SMD 2.1M OHM 1% 1/8W 0805	R14, R24, R31	Panasonic Electronic Components	ERJ-6ENF2104V	RES 0805/2012	0805R
4	Digi-Key	P3.3KBNCT-ND	3.3k	RES SMD 3.3K OHM 0.5% 1/8W 0805	R27, R28, R35, R37	Panasonic Electronic Components	ERA-6AED332V	RES 0805/2012	0805R
2	Digi-Key	P10.0KCCT-ND	10k	RES SMD 10K OHM 1% 1/8W 0805	R2, R5	Panasonic Electronic Components	ERJ-6ENF1002V	RES 0805/2012	0805R
1	Digi-Key	P47.0CCT-ND	47R	RES SMD 47 OHM 1% 1/8W 0805	R23	Panasonic Electronic Components	ERJ-6ENF47R0V	RES 0805/2012	0805R
1	Digi-Key	P68KDACT-ND	68k	RES SMD 68K OHM 0.1% 1/8W 0805	R26	Panasonic Electronic Components	ERA-6AEB683V	RES 0805/2012	0805R
4	Digi-Key	P100CCT-ND	100	RES SMD 100 OHM 1% 1/8W 0805	R30, R32, R34, R38	Panasonic Electronic Components	ERJ-6ENF1000V	RES 0805/2012	0805R
2	Digi-Key	P110KDACT-ND	110k	RES SMD 110K OHM 0.1% 1/8W 0805	R29, R36	Panasonic Electronic Components	ERA-6AEB114V	RES 0805/2012	0805R
2	Digi-Key	P330ACT-ND	330R	RES SMD 330 OHM 5% 1/8W 0805	R1, R22	Panasonic Electronic Components	ERJ-6GEYJ331V	RES 0805/2012	0805R
1	Digi-Key	P332KDACT-ND	332k	RES SMD 332K OHM 0.1% 1/8W 0805	R10	Panasonic Electronic Components	ERA-6AEB3323V	RES 0805/2012	0805R
1	Digi-Key	P390KDACT-ND	390k	RES SMD 390K OHM 0.1% 1/8W 0805	R33	Panasonic Electronic Components	ERA-6AEB394V	RES 0805/2012	0805R
2	Digi-Key	RMCF0805FT150RCT-ND	150R	RES 150 OHM 1% 1/8W 0805	R39, R41	Stackpole Electronics Inc.	RMCF0805FT150R	RES 0805/2012	0805R