

Qty	Value	Device	Package	Parts	Description	COLOR	DATASHEET	DESCRIPTION	FAMILY	N	FREQ	GENERIC	INDUSTRY	MANUFAC	MANUFAC	MPN	OC_DIGIKE	OC_NEWA	PACKAGE	PIN_COUNT	SUPPLIER	TOLERANCE	TYPE	VENDOR	VOLTAGE
1		JACK-PLUG	CUI_PJ002	J14	DC POWER JACK											PJ-002BH-3	CP-002BHPJTR-ND				CUI				
6		JP1E	JP1	JP1																					
4		PINHD-1X1	1X10	J2																					
1		PINHD-2X1	SAMTEC-F	J1	PIN HEADER											FTR-110-5	FTR-110-51-S-D-06-ND				SAMTEC				
3	0	R-US_R040	R0402	R1																					
1	0.01	R-US_R120	R1206W	R29	RESISTOR																				
33	0.1uF	C-USC0402	C0402K	C5																					
3	10.0K	R-US_R040	R0402	R6																					
1	1000pF	C-USC0402	C0402	C3	CAPACITOR																				
1	100uF	C-USC1206	C1206K	C55	CAPACITOR																				
4	10uF	C-USC0805	C0805K	C4																					
2	16.00MHZ	CRYSTAL	ABLS	Y1																					
1	1M	R-US_R040	R0402	R44	RESISTOR																				
1	1uF	C-USC0402	C0402K	C28	CAPACITOR																				
2	1uH	L-USL2520	L2520P	L1																					
17	2.2k	R-US_R040	R0402	R5																					
3	220K	R-US_R040	R0402	R34																					
6	22uF	C-USC0805	C0805K	C25																					
2	23 OHM @	FERRITEBE	FB_MJ451	FB1																					
2	31.6K	R-US_R040	R0402	R18																					
1	33	R-US_R040	R0402	R12	RESISTOR																				
2	330K	R-US_R040	R0402	R30																					
4	33pF	C-USC0402	C0402K	C1																					
1	4.7uF	C-USC0603	C0603K	C51	CAPACITOR																				
1	4.99	R-US_R040	R0402	R21	RESISTOR																				
4	4700pF	C-USC0402	C0402K	C24																					
1	49.9	R-US_R040	R0402	R40	RESISTOR																				
2	5.76K	R-US_R040	R0402	R14																					
1	62K	R-US_R040	R0402	R45	RESISTOR																				
5	DNP	FIDUCIAL	FIDUCIAL	FID1																					
1	DNP	FTSH-105-4	FTSH-105-4	J12												FTSH-105-4	FTSH-105-01-F-DV-ND				SAMTEC				
4	DNP	MHMS_2	MH_94_20	MH1																					
1	DNP	PINHD-1X5	1X50	J11												HTSW-150	HTSW-150-07-G-S-ND				SAMTEC				
1	DNP	PINHD-1X5	1X50_ALT	J10												HTSW-150	HTSW-150-07-G-S				SAMTEC				
1	DNP	R-US_R040	R0402	R4	RESISTOR																				
2	DNP	WIREPAD1																							
4	DNP	WIREPAD2																							
5	DNP	WIREPADSMD1																							
1	DNP* (PAR	PINHD-1X1	1X10	J3	PIN HEADER											N/A - Combined with J2									
1	DNP* (PAR	PINHD-1X1	1X10	J5	PIN HEADER											N/A - Combined with J4									
1	DNP* (PAR	PINHD-1X1	1X10	J7	PIN HEADER											N/A - Combined with J6									
1	DNP* (PAR	PINHD-1X1	1X10	J9	PIN HEADER											N/A - Combined with J8									
6	GRN	LEDCHIPLE	CHIPLED_0	LED2																					
1	INA210_D	INA210_D	DCK6	U6				<a href="http://www.ti.com/lit/ds/symlink/ina210.pdf">http://www.ti.com/lit/ds/symlink/ina210.pdf</a>	Voltage Output																
1	LM26420X	LM26420	MXA20A	U5							2.2MHz				LM26420X	LM26420X	LM26420X	14R4583			TI				Texas Instruments
1	LM4040D3	LM4040D3	DBZ3	U8				<a href="http://www.ti.com/lit/ds/symlink/lm4040.pdf">http://www.ti.com/lit/ds/symlink/lm4040.pdf</a>	3-V Precision Micropower Shunt Voltage Reference																
2	RED	LEDCHIPLE	CHIPLED_0	LED1																					
1	RM46L850	RM46L850	PGE144	U1										rm46l850	RM46L852	296-37040-ND				TI					TEXAS INSTRUMENTS
4	TACT6MM	TACT6MM	CK_PTS645	S1																					
1	TEMT6000	TEMT6000	TEMT6000	Q1												TEMT6000	751-1055-1-ND				VISHAY				
1	TM4C129E	TM4C129E	PDT128	U7											TM4C129E	TM4C129E	296-37940-ND				TI				Texas Instruments
1	TPD4E004	TPD4E004	DRY6	U10				<a href="http://www.ti.com/lit/ds/symlink/tpd4e004.pdf">http://www.ti.com/lit/ds/symlink/tpd4e004.pdf</a>	4-Channel ESD Solution			TPD4E004	SON	Texas Instr	tpd4e004	TPD4E004	296-23618-2-ND	DRY			6	TI			Texas Instruments
1	TPS2553_0	TPS2553_0	DBV6	U9				<a href="http://www.ti.com/lit/ds/symlink/tps2553.pdf">http://www.ti.com/lit/ds/symlink/tps2553.pdf</a>	Adjustable																
1	TPS3106K3	TPS3106K3	DBV6	U2				<a href="http://www.ti.com/lit/ds/symlink/tps3106k3.pdf">http://www.ti.com/lit/ds/symlink/tps3106k3.pdf</a>	Ultra Low-SUPERSUPERVISOR AND RES			TPS3106K3	SOT-23	Texas Instr	tps3106k3	TPS3106K3	296-13399	77C0262	DBV		6	TI			Texas Instruments
1	USB_MICR	USB_MICR	USB_MICR	J13												10104110-609-4052-1-ND					FCI				