

Qty	Part Reference	Description	Manufacturer Name	Manufacturer Part Number	RoHS Compliant
1	PCB	EVB-8106-B1 Evaluation Bd		AZ8106_B01	Yes
5	C1,C2,C5,C8,C13	CAPACITOR CERAMIC 0.1UF 50V 10% X7R 0603	MURATA ERIE	GRM188R71H104KA93D	Yes
1	C3	CAPACITOR CERAMIC 0.01UF 16V 10% X7R 060	PANASONIC	ECJ-1VB1C103K	Yes
2	C4,C14	CAPACITOR TANTALUM LOWESR 10UF 10V 10% S	AVX	TPSA106K010R0900	Yes
2	C6,C9	CAPACITOR CERAMIC 1.0UF 50V Y5V 0805	TDK	C2012Y5V1H105Z	Yes
2	C11,C12	CAPACITOR CERAMIC 470PF 50V 10% X7R 0603	MURATA ERIE	GRM188R71H471KA01D	Yes
1	C15	CAPACITOR TANT LOESR 150UF 10V 10% SMD	AVX	TPSD157K010R0100	Yes
1	C26	CAPACITOR CERAMIC 1.0UF 16VDC 10% X5R 06	PANASONIC	ECJ-1VB1C105K	Yes
3	D1,D2,D6	TVS 260W 5.0V UNIDIRECT SOD-523	DIODES INC	T5V0S5-7	Yes
2	D4,D5	TVS ZENER BI-DIR 5V SOD-882	NXP	PESD5V0X1BL	Yes
5	EGND1-EGND3,SGND1,SGND2	TEST POINT	KEYSTONE	5015	Yes
1	J2	RECEPTACLE, USB, STYLE B, RIGHT ANGLE	TYCO ELECTRONICS	292304-1	Yes
1	J3	CONNECTOR POWER JACK 5.5MM X, 2.5A, RA	SWITCHCRAFT	RAPC722X	Yes
11	J4-J11,J15,J16,J18	HEADER, 1 X 2, 0.1 INCH, VERTICAL	MOLEX	22-28-4020	Yes
4	J12-J14,J17	HEADER, 2 X 8, 0.1 INCH, VERTICAL	SAMTEC	TSW-108-07-L-D	Yes
1	L1	CHOKES COMMON MODE 330MA 90OHM	MURATA ERIE	DLW21HN900SQ2L	Yes
2	LED2,LED3	LED YELLOW 0603	STANLEY	AY1111C-TR	Yes
1	LED4	LED RED CLEAR 0603 SMT	LITEON	LTST-C190CKT	Yes
1	LED5	LED GREEN SMT	STANLEY	BG1111C-TR	Yes
2	P1,P4	RECEPTACLE, USB, STYLE B, RIGHT ANGLE	FCI	87520-0010BLF	Yes
1	P2	CONNECTOR HEADER 8 POS 2MM RT ANG GOLD	MOLEX	87833-0820	Yes
1	P3	CONNECTOR RECEPT USB MINI B R/A 5POS SMD	MOLEX	54819-0572	Yes
9	R1-R7,R12,R44	RESISTOR 10.0K OHM 1/10W 1% 0603	YAGEO	RC0603FR-0710KL	Yes
2	R8,R9	RESISTOR 2.2K OHM 1/10W 5% 0603 SMD	PANASONIC	ERJ-3GEYJ222V	Yes
21	R10,R11,R26,R27,R32,R33,R36-R43,R58-R62,R70,R71	RESISTOR ZERO OHM 1/10W 5% 0603	YAGEO	RC0603JR-070RL	Yes
2	R13,R45	RESISTOR 12.0K OHM 1/10W 1% 0603	YAGEO	RC0603FR-0712KL	Yes
2	R14,R46	RESISTOR 15.0K OHM 1/10W 1% 0603 SMD	YAGEO	RC0603FR-0715KL	Yes
2	R15,R47	RESISTOR 18.0K OHM 1/10W 1% 0603	YAGEO	RC0603FR-0718KL	Yes
2	R16,R48	RESISTOR 22.0K OHM 1/16W 1% 0603 SMD	YAGEO	RC0603FR-0722KL	Yes
2	R17,R50	RESISTOR 27.0K OHM 1/16W 1% 0603 SMD	VISHAY-DALE	CRCW060327K0FKEA	Yes
2	R18,R49	RESISTOR 33K OHM 1/10W 1% 0603	YAGEO	RC0603FR-0733KL	Yes
2	R19,R51	RESISTOR 47.0K OHM 1/10W 1% 0603 SMD	YAGEO	RC0603FR-0747KL	Yes
2	R20,R52	RESISTOR 56K OHM 1/10W 5% 0603 SMD	YAGEO	RC0603JR-0756KL	Yes
2	R21,R53	RESISTOR 68.0K OHM 1/10W 1% 0603 SMD	YAGEO	RC0603FR-0768KL	Yes
2	R22,R54	RESISTOR 82.0K OHM 1/10W 1% 0603 SMD	YAGEO	RC0603FR-0782KL	Yes
2	R23,R55	RESISTOR 100K OHM 1/10W 1% 0603	YAGEO	RC0603JR-07100KL	Yes
2	R24,R56	RESISTOR 120K OHM 1/10W 1% 0603 SMD	YAGEO	RC0603FR-07120KL	Yes
2	R25,R57	RESISTOR 150K OHM 1/10W 1% 0603 SMD	YAGEO	RC0603FR-07150KL	Yes
3	R28,R29,R31	RESISTOR 330 OHM 1/16W 3300PPM 5% 0603	PANASONIC	ERA-V33J331V	Yes
1	R30	RESISTOR 2.00K OHM 1/10W 1% 0603 SMD	YAGEO	RC0603FR-072KL	Yes
2	R34,R35	RESISTOR 33 OHM 1/10W 5% 0603	YAGEO	RC0603JR-0733RL	Yes
3	R63-R65	RESISTOR 1.00K OHM 1/10W 1% 0603 SMD	YAGEO	RC0603FR-071KL	Yes
4	R66-R69	RESISTOR 1.00M OHM 1/16W 1% 0402 SMD	YAGEO	RC0402FR-071ML	Yes
9	TP1-TP9	TEST POINT, EXPOSED PAD 10X10			
2	TP10,TP16	TEST POINT LOOP COMPACT YELLOW	KEYSTONE	5009	Yes
2	TP11,TP14	TEST POINT LOOP COMPACT WHITE	KEYSTONE	5007	Yes
1	U1	UCS1001-1, UCS1001-2, or UCS1002	SMSC	UCS100x	Yes
1	U3	IC 8051 MCU FLASH 64K 48TQFP	SILICON LABS	C8051F340-GQ	Yes
Not on Schematic		SOLDER RA .020" 25AWG 1LB	KESTER	24-7068-1401	Yes