

Item	Description	Qty	Reference Designator	MFG	MFG P/N	Notes
1	CAP 0.1uF ±10% 16V X7R 0402i	9	C1 C3 C4 C5 C6 C7 C8 C9 C11	MURATA	GCM155R71C104KA55D	
2	CAP 1uF ±10% 10V X7R 0402i	1	C2	MURATA	GRM155Z71A105KE01J	
3	CAP 2.2uF ±10% 10V X7R 0402i	6	C10 C12 C13 C14 C15 C16	MURATA	GRM155Z71A225KE44D	
4	CAP 4.7uF ±10% 16V X7R 0603i	1	C19	MURATA	GRM188Z71C475KE21D	
5	CON 30X2 ST ML 0.8MM PLY PAD GLD SM	4	DC1 DC2 DC3 DC4	SAMTEC	ERM8-030-05.0-S-DV-K-TR	
6	HDR 2X1 ST ML 2.54MM 2.54MM TL GLD TH	8	IN1 IN2 IN3 IN4 IN5 IN6 P10 P11	SAMTEC	TSW-102-07-G-S	
7	SHUNT 2PIN CLSD TOP GRIP FML RED	1	LNK_P11	HARWIN	M7685-05	Fit to P11: Pin1-Pin2
8	HDR 4X1 ST ML 2.54MM 2.54MM TL GLD TH	1	P5	SAMTEC	TSW-104-07-G-S	
9	HDR 12X2 ST ML 2.54MM 2.54MM TL GLD TH	1	P6	SAMTEC	TSW-112-07-G-D	
10	HDR 10X2 ST ML 2.54MM 2.54MM TL GLD TH	1	P7	SAMTEC	TSW-110-07-G-D	
11	HDR 3X2 ST ML 2.54MM 2.54MM TL GLD TH	1	P8	SAMTEC	TSW-103-07-G-D	
12	HDR 4X2 ST ML 2.54MM 2.54MM TL GLD TH	1	P9	SAMTEC	TSW-104-07-G-D	
13	HDR 5X1 ST ML 2.54MM 2.54MM TL GLD TH	1	P12	SAMTEC	TSW-105-07-G-S	
14	RES 33 OHM 1/16W ±1% 0402i THICK	12	R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11 R12	DALE	NP-CRCW040233R0FKED	DO NOT POPULATE
15	RES 0 OHM 1/16W JUMPER 0402i THICK	15	R13 R14 R15 R16 R17 R18 R19 R20 R21 R22 R23 R24 R26 R49 R50	DALE	CRCW04020000Z0ED	
16	RES 49.9 OHM 1/10W ±0.1% 0603i THIN	6	R25 R30 R31 R32 R45 R46	VISHAY	NP-TNPW060349R9BEEA	DO NOT POPULATE
17	RES 4.7K OHM 1/16W ±1% 0402i THICK	1	R27	DALE	CRCW04024K70FKED	
18	RES 4.7K OHM 1/16W ±1% 0402i THICK	1	R28	DALE	NP-CRCW04024K70FKED	DO NOT POPULATE
19	RES 0 OHM 1/4W JUMPER 0603i	12	R29 R33 R34 R35 R47 R48 R51 R52 R53 R54 R55 R56	ROHM	PMR03EZPJ000	
20	RES 10K OHM 1/16W ±1% 0402i THICK	1	R36	VISHAY	CRCW040210K0FKEA	
21	RES 4.7K OHM 1/20W ±1% 0201i THICK	4	R37 R39 R41 R43	YAGEO	RC0201FR-074K7L	
22	RES 4.7K OHM 1/20W ±1% 0201i THICK	4	R38 R40 R42 R44	YAGEO	NP-RC0201FR-074K7L	DO NOT POPULATE
23	RES 33 OHM 1/16W ±1% 0402i THICK	10	R57 R58 R59 R60 R61 R62 R63 R64 R65 R66	DALE	CRCW040233R0FKED	
24	PC TEST POINT MINIATURE BLACK	2	TP1 TP2	KEystone	5001	
25	IC CRS 0.40MM 6CH AFE CS82L46 QFN40	1	U1	CIRRUS LOGIC	CS82L46-DNR/B0	
26	IC EEPROM 512KB 400KHz I2C UDFN8	1	U2	MICROCHIP TECHNOLOGY	AT24C512C-MAHM-E	
27	PCB	1	ZZ1	CIRRUS LOGIC	240-11705/A0	
28	LBL PRODUCT ID AND REV	1	ZZ2	VENDOR CHOICE	THT-1-423-10	