

Item	Description	Qty	Reference Designator	MFG	MFG P/N	Notes
1	CAP 0.1uF ±10% 16V X7R 0402i	11	C1 C3 C4 C5 C6 C7 C8 C9 C10 C11 C20	MURATA	GCM155R71C104KA55D	
2	CAP 1uF ±10% 10V X7R 0402i	1	C2	MURATA	GRM155Z71A105KE01J	
3	CAP 2.2uF ±10% 10V X7R 0402i	8	C12 C13 C14 C15 C16 C17 C18 C21	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	6	IN1 IN2 IN3 IN4 P9 P10	SAMTEC	TSW-102-07-G-S	
7	SHUNT 2PIN CLSD TOP GRIP FML RED	1	LNK_P10	HARWIN	M7685-05	Fit to P10: Pin1-Pin2
8	HDR 8X2 ST ML 2.54MM 2.54MM TL GLD TH	1	P5	SAMTEC	TSW-108-07-G-D	
9	HDR 11X2 ST ML 2.54MM 2.54MM TL GLD TH	1	P6	SAMTEC	TSW-111-07-G-D	
10	HDR 8X1 ST ML 2.54MM 2.54MM TL GLD TH	1	P7	SAMTEC	TSW-108-07-G-S	
11	HDR 4X1 ST ML 2.54MM 2.54MM TL GLD TH	1	P8	SAMTEC	TSW-104-07-G-S	
12	RES 33 OHM 1/16W ±1% 0402i THICK	8	R1 R2 R3 R4 R5 R6 R7 R8	DALE	NP-CRCW040233R0FKED	DO NOT POPULATE
13	RES 0 OHM 1/16W JUMPER 0402i THICK	11	R9 R10 R11 R13 R14 R15 R16 R17 R18 R23 R24	DALE	CRCW04020000Z0ED	
14	RES 4.7K OHM 1/16W ±1% 0402i THICK	1	R12	DALE	CRCW04024K70FKED	
15	RES 4.7K OHM 1/16W ±1% 0402i THICK	1	R19	DALE	NP-CRCW04024K70FKED	DO NOT POPULATE
16	RES 0 OHM 1/4W JUMPER 0603i	8	R20 R21 R22 R26 R29 R33 R34 R35	ROHM	PMR03EZPJ000	
17	RES 49.9 OHM 1/10W ±0.1% 0603i THIN	4	R25 R30 R31 R32	VISHAY	NP-TNPW060349R9BEEA	DO NOT POPULATE
18	RES 33 OHM 1/16W ±1% 0402i THICK	4	R27 R28 R45 R46	DALE	CRCW040233R0FKED	
19	RES 10K OHM 1/16W ±1% 0402i THICK	1	R36	VISHAY	CRCW040210K0FKEA	
20	RES 4.7K OHM 1/20W ±1% 0201i THICK	4	R37 R39 R41 R43	YAGEO	RC0201FR-074K7L	
21	RES 4.7K OHM 1/20W ±1% 0201i THICK	4	R38 R40 R42 R44	YAGEO	NP-RC0201FR-074K7L	DO NOT POPULATE
22	PC TEST POINT MINIATURE BLACK	2	TP1 TP2	KEYSTONE	5001	
23	IC CRS 0.40MM 4CH AFE CS82L44 QFN40	1	U1	CIRRUS LOGIC	CS82L44-DNR/B0	
24	IC EEPROM 512KB 400KHz I2C UDFN8	1	U2	MICROCHIP TECHNOLOGY	AT24C512C-MAHM-E	
25	PCB	1	ZZ1	CIRRUS LOGIC	240-11716/A0	
26	LBL PRODUCT ID AND REV	1	ZZ2	VENDOR CHOICE	THT-1-423-10	