

Item	Qty	Reference	Part Name	Manufacturer	Description	Part Number	PCB DECAL	Value	Digikey Number
1	1	C101	C0402	TDK	CAP CER 0.47UF 16V 10% X5R 0402	C1005X5R1C474K	C0402	470n	445-4976-1-ND
2	1	C102	C0402	TDK	CAP CER 0.22UF 16V 10% X5R 0402	C1005X5R1C224K	C0402	220n	445-4972-1-ND
3	1	C103	C0402	TDK	CAP CER 0.1UF 10V 20% X5R 0402	C1005X5R1A104M	C0402	100n	445-4984-1-ND
4	1	C104	CAP_TANTALUM_3216	Nichicon	CAP TANT 10UF 10V 20% 1206	F931A106MAA	TANT_3216	10u	493-2351-1-ND
5	1	C105	C0402	TDK	CAP CER 0.1UF 10V 20% X5R 0402	C1005X5R1A104M	C0402	100n	445-4984-1-ND
6	1	C107	C0402	TDK	CAP CER 0.22UF 16V 10% X5R 0402	C1005X5R1C224K	C0402	220n	445-4972-1-ND
7	1	C108	C0402	TDK	CAP CER 0.1UF 10V 20% X5R 0402	C1005X5R1A104M	C0402	100n	445-4984-1-ND
8	1	C110	C0402	TDK	CAP CER 10PF 50V NP0 0402	C1005C0G1H100D	C0402	10p	445-1235-1-ND
9	1	C111	C0402	TDK	CAP CER 10PF 50V NP0 0402	C1005C0G1H100D	C0402	10p	445-1235-1-ND
10	1	C112	C0402	TDK	CAP CER 1000PF 50V 10% X7R 0402	C1005X7R1H102K	C0402	1n	445-1256-1-ND
11	1	C113	C0402	TDK	CAP CER 0.1UF 10V 20% X5R 0402	C1005X5R1A104M	C0402	100n	445-4984-1-ND
12	1	C114	C0402	TDK	CAP CER 0.1UF 10V 20% X5R 0402	C1005X5R1A104M	C0402	100n	445-4984-1-ND
13	1	C121	C0402	TDK	CAP CER 0.1UF 10V 20% X5R 0402	C1005X5R1A104M	C0402	100n	445-4984-1-ND
14	1	C122	C0402	TDK	CAP CER 33PF 50V 5% NP0 0402	C1005C0G1H330J	C0402	33p	445-1241-1-ND
15	1	C123	C0402	TDK	CAP CER 33PF 50V 5% NP0 0402	C1005C0G1H330J	C0402	33p	445-1241-1-ND
16	1	IC101	TLV700XXDSE	TI	IC REG LDO 3.6V 200mA 6WS0N	TLV70036DSER	QFN-6[DSE]	TLV70036DSER	296-29752-1-ND
17	1	IC102	TPD4E004DRY	TI	IC 4CH ESD-PROT ARRAY 6-SON	TPD4E004DRYR	DRY	TPD4E004DRYR	296-23618-1-ND
18	1	J101	HEADER_2X9	Sullins	CONN HEADER .100 DUAL STR 18POS	PEC09DAAAN	HEADER_2X9	SBW/UART	S2012E-09-ND
19	1	J102	CONN_USB_ZX62R-B-5P	Hirose Electrical Co	CONN RCPT MICRO USB B SMD R/A	ZX62R-B-5P	CONN_USB-MICRO-B-SMT_R	ZX62R-B-5P	H11574CT-ND
20	1	LED101	D_LED_603_GRN	Lite-On	LED RED CLEAR 0603 SMD	LTST-C190CKT	LED603	Red	160-1181-1-ND
21	1	LED102	D_LED_603_GRN	Lite-On	LED GREEN CLEAR 0603 SMD	LTST-C190GKT	LED603	Green	160-1183-1-ND
22	1	MSP101	MSP430F552XIRGC	TI	IC MCU 16BIT 128KB FLASH 64VQFN	MSP430F5528IRGC	RGC-64	MSP430F5528IRGC	296-27400-1-ND
23	1	Q101	PIEZO_CSTCR4M00G15L99	Murata	CER RESONATOR 4.00MHZ SMD	CSTCR4M00G15L99	PIEZO-2X4.5MM	PIEZO_CSTCR4M00G15L99	
24	1	R101	R0402	Yageo	RES 470 OHM 1/16W 1% 0402 SMD	RC0402FR-07470RL	402	470	311-470LRCT-ND
25	1	R102	R0402	Yageo	RES 390 OHM 1/16W 1% 0402 SMD	RC0402FR-07390RL	402	390	311-390LRCT-ND
26	1	R103	R0402	Yageo	RES 27 OHM 1/16W 5% 0402 SMD	RC0402JR-0727RL	402	27	311-27JRCT-ND
27	1	R104	R0402	Yageo	RES 27 OHM 1/16W 5% 0402 SMD	RC0402JR-0727RL	402	27	311-27JRCT-ND
28	1	R105	R0402	Vishay Dale	RES 1.40K OHM 1/16W 1% 0402 SMD	RCRW04021K40FKED	402	1k4	541-1.40KLCT-ND
29	1	R106	R0402	Yageo	RES 1.00M OHM 1/16W 1% 0402 SMD	RC0402FR-071ML	402	1M	311-1.00MLRCT-ND
30	1	R109	R0402	Yageo	RES 47.0K OHM 1/16W 1% 0402 SMD	RC0402FR-0747KL	402	47k	311-47.0KLRCT-ND
31	1	R121	R0402	Yageo	RES 220K OHM 1/16W 1% 0402 SMD	RC0402FR-07220KL	402	220k	311-220KLRCT-ND
32	1	R122	R0402	Yageo	RES 220K OHM 1/16W 1% 0402 SMD	RC0402FR-07220KL	402	220k	311-220KLRCT-ND
33	1	R123	R0402	Yageo	RES 33.0K OHM 1/16W 1% 0402 SMD	RC0402FR-071ML	402	33k	311-33.0KLRCT-ND
34	1	R124	R0402	Yageo	RES 240K OHM 1/16W 1% 0402 SMD	RC0402FR-07240KL	402	240k	311-240KLRCT-ND
35	1	R125	R0402	Yageo	RES 150K OHM 1/16W 1% 0402 SMD	RC0402FR-07150KL	402	150k	311-150KLRCT-ND
36	1	R129	R0402	Yageo	RES 10.0 OHM 1/16W 1% 0402 SMD	RC0402FR-0710RL	402	10	311-10.0LRCT-ND
37	1	R130	R0402	Yageo	RES 10.0 OHM 1/16W 1% 0402 SMD	RC0402FR-0710RL	402	10	311-10.0LRCT-ND
38	1	R131	R0402	Yageo	RES 10.0 OHM 1/16W 1% 0402 SMD	RC0402FR-0710RL	402	10	311-10.0LRCT-ND
39	1	R132	R0402	Yageo	RES 10.0 OHM 1/16W 1% 0402 SMD	RC0402FR-0710RL	402	10	311-10.0LRCT-ND
40	1	R133	R0402	Yageo	RES 10.0 OHM 1/16W 1% 0402 SMD	RC0402FR-0710RL	402	10	311-10.0LRCT-ND
41	1	R134	R0402	Yageo	RES 10.0 OHM 1/16W 1% 0402 SMD	RC0402FR-0710RL	402	10	311-10.0LRCT-ND
42	1	R135	R0402	Yageo	RES 10.0 OHM 1/16W 1% 0402 SMD	RC0402FR-0710RL	402	10	311-10.0LRCT-ND