

Designator	Quantity	Description	Value	Footprint	Manufacturer	Manufacturer Part Number
C1	1	±10% 50V Ceramic Capacitor X7R 0805 (2012 Metric)	0.33 µF	CAPC2013X95X45ML10 T25	Murata	GRM219R71H334K A88D
C2	1	±10% 100V Ceramic Capacitor X7R 0805 (2012 Metric)	0.01 µF	CAPC2013X70X45LL15 T25	Murata	GCM216R72A103K A37D
J1	1	3x8 female header		3x8 Female Header	URC	Custom
J2	1	3x8 male header		3x8 Male Header	URC	Custom
J3	1	Male Header, Pitch 2.54 mm, 1 x 2 Position, Height 11.7 mm, Tail Length 3.56 mm, 0 to 75 degC, RoHS, Bulk		MOLX-22-27-2021_V	Molex	AE-6410-2A
LED1	1	SMD mono-color reverse mount waterclear Chip LED, WL-SMRW, Red	2V	1206 CYLINDRICAL-Reverse Use	Wuerth Elektronik	156120RS75300
R1_1, R1_2, R1_3, R1_4, R1_5, R1_6, R1_7, R1_8	8	RES 470 OHM 0.1% 1/8W 0805	470 ohm	RESC2013X60X40NL20 T25	Panasonic	ERA6AEB471V
R2_1, R2_2, R2_3, R2_4, R2_5, R2_6, R2_7, R2_8	8	Chip Resistor, 1 KOhm, +/- 1%, 125 mW, -55 to 155 degC, 0805 (2012 Metric), RoHS, Tape and Reel	1 kohm	RESC2013X60X35ML10 T20	Yageo	RC0805FR-071KL
R3	1	RES SMD 1.1K OHM 0.1% 1/4W 1206	1.1 kohm	RESC3116X65X40NL10 T20	Yageo	RT1206BRD071K1L
U1, U2, U3, U4	4	Transistor Output Optocouplers SO8 100-200% 3.75KV 2CH Optocoupler		ZMDI-SOP-8_N	Lite-On Inc.	LTV-207
U5	1	IC REG LINEAR 5V 100MA TO92-3	5V	Z03A	National Semiconductor	LM78L05