

Comment	Description	Designator	Footprint	LibRef	Quantity
22uF	MULTILAYER CERAMIC CAPACITORS MLCC - SMD/SMT 22UF 6.3V 0603 ROHS	C1, C2, C3, C4, C5	0603_PASSIVE	C_22uF_0603	5
FB_10uH_0603	10 uH, 30 Q, 1.85 Ohm Series Resistance, 17MHz Self Resonant Frequency, Inductor, SMD 0603, 3 Amps rated current	FB1, FB2	0603_PASSIVE	FB_10uH_0603	2
PPTC081LFBN-RC	8 Position Header Connector 0.100" (2.54mm) Through Hole Tin	J1	8_PIN_100MIL	JM_8_PIN_MALE	1
PPTC101LFBN-RC	10 Position Header Connector 0.100" (2.54mm) Through Hole Tin	J2	10_PIN_100MIL	JM_10_PIN_MALE	1
PPTC021LFBN-RC	CONN HDR 2POS 0.1 TIN PCB	J3, J4	2Pin-Header-Conn	JF_2_PIN_FEMALE	2
KT-0603R	LIGHT EMITTING DIODES (LED) RED 520-625NM 90-100MCD@20MA TOP VIEW 0603 ROHS	LED1, LED2	LED_0603	LED_0603	2
1k	1 kOhms chip resistor SURFACE MOUNT 1KOHMS ±1% 1/16W 0402 ROHS	R1	0402_Passive	R_1K_0402	1
2.2 kOhm	2.2 kOhms ±5% 0.25W, 1/4W Chip Resistor 1206 (3216 Metric) Anti-Sulfur, Moisture Resistant Thin Film	R2, R3	1206_Passive	R_2.2kOhm_1206	2
5V	2Pin Header	SW1	2Pin-Header-Conn	SW_2Pin_100mil_Switch	1
SW_2Pin_100mil_Switch	2Pin Header	SW2	2Pin-Header-Conn	SW_2Pin_100mil_Switch	1
5V	Test Point 300 mil centers	TP1	TP10x_Probe	TP_10x_Probe	1
DAC_OUT	Test Point 300 mil centers	TP2	TP10x_Probe	TP_10x_Probe	1
VOUT_BUF	Test Point 300 mil centers	TP3	TP10x_Probe	TP_10x_Probe	1
I2C_SCL	Test Point 300 mil centers	TP4	TP10x_Probe	TP_10x_Probe	1
V_RSENSE+	Test Point 300 mil centers	TP5	TP10x_Probe	TP_10x_Probe	1
I2C_SDA	Test Point 300 mil centers	TP6	TP10x_Probe	TP_10x_Probe	1
AD8532ARZ-REEL7	OP Amp Dual GP R-R I/O 6V Automotive 8-Pin SOIC N T/R	U1	SOIC127P600X175-8N	U_OPAMP_AD8532	1
MCP4725A0T-E/CH	DAC 1-CH Resistor-String 12-bit 6-Pin SOT-23A T/R	U2	SOT95P270X145-6N	U_DAC_MCP4725	1
ADS1115IDGSR	TEXAS INSTRUMENTS - ADS1115IDGSR . - Analogue to Digital Converter, 16 bit, 860 SPS, Differential, Single Ended, I2C, Single, 2 V	U3	TSSOP50P490X110-10N	U_ADC_ADS1115	1