

Comment	Description	Designator	Footprint	LibRef	Quantity
Blue	Blue 1206 Light Emitting Diodes (LED) ROHS	3,3_led, 5V_led, L, Ro1, Tx1	LED_1206	LED_BLUE_1206	5
22uF	22uF ±10% 25V XSR 1206 Multilayer Ceramic Capacitors MLCC - SMD/SMT RoHS	C1, C3, C7, C9, C13, C14, C15	1206_Passive_Capacitor	C_22uF_1206	7
1uF	MULTILAYER CERAMIC CAPACITORS MLCC - SMD/SMT 1uF 50V 1206 ROHS	C2, C4, C6	1206_Passive_Capacitor	C_1uF_1206	3
22pF	22pF ±5% 1kV COG 1206 Multilayer Ceramic Capacitors MLCC - SMD/SMT RoHS	C5, C8, C10, C11	1206_Passive_Capacitor	C_22pF_1206	4
47nF	47nF ±10% 25V XSR 1206 Multilayer Ceramic Capacitors MLCC - SMD/SMT RoHS	C12	1206_Passive_Capacitor	C_22uF_1206	1
SW_2Pin_100mil_Switch	2Pin Header	CH1	2Pin-Header-Conn	SW_2Pin_100mil_Switch	1
SRV05-4-P-T7	TVS SOT-23-6 ROHS	D1	TVS	D_TV5_Diode	1
10uF	10uF ±10% 50V XSR 1206 Multilayer Ceramic Capacitors MLCC - SMD/SMT RoHS	decpC	1206_Passive_Capacitor	C_10uF_1206	1
1_USB_B_Micro	Micro USB, 2.0 Type B, Rcpt, 5mt	J1	AMPHENOL10118194-0001LF	1_USB_B_Micro	1
PPTC0811FBN-RC	8 Position Header Connector 0.100" (2.54mm) Through Hole Tin	J2	8_PIN_ARC-PWR_100ML	JF_8_PIN_FEMA_ARC-Pwr	1
NRPN032PAEN-RC	Connector Header Through Hole 6 position 0.079" (2.00mm)	J3	JCSP	1_JCSP	1
PPTC1011FBN-RC	10 Position Header Connector 0.100" (2.54mm) Through Hole Tin	J4	10_PIN_ARCUBNO_100ML	JF_10_PIN_FEMA_ARCUBNO	1
PPTC0611FBN-RC	6 Position Header Connector 0.100" (2.54mm) Through Hole Tin	J5	6_PIN_ARC-Analog_100mil	JF_6_PIN_FEMA_ARC-Analog	1
PB_10uH_1206	25mA 10uH ±10% 800mΩ 1206 Inductors (SMD) ROHS	L1	AIML-1206_ABR-M	PB_10uH_1206	1
Power Jack	Power Barrel Connector Jack 2.10mm ID (0.083") 5.50mm OD (0.217") Through Hole, Right Angle	P1	Power_Jack	P_Power Jack	1
PRECD035AAN-RC	Connector Header Through Hole 3 position 0.100" (2.54mm)	power select1	3_PIN_100mil	SW_3Pin_100mil_Switch	1
AMS1117-3.3	LOW DROPOUT REGULATOR(LDO) POSITIVE FIXED 1.3V @ 800mA 15V 3.3V 1A SOT-223 ROHS	PS1	LDO	PS_AMS_LDO_3v3	1
1k	CHIP RESISTOR - SURFACE MOUNT 10KOhms ±1% 1/4W 1206 ROHS	R1, R3, R4, R5, R6	1206_Passive_Resistor	R_1K_1206	5
1M	CHIP RESISTOR - SURFACE MOUNT 1M0HMS ±1% 1/4W 1206 ROHS	R2, R9	1206_Passive_Resistor	R_1M_1206	2
10k	10 KOhms ±5% 0.25W, 1/4W Chip Resistor 1206 (1216 Metric) Automotive AEC-Q200 Thick Film	R7, R8	1206_Passive_Resistor	R_10KOhm_1206	2
TL3305AF160QG	Tactile Switch SPST-NO Top Actuated Surface Mount	Reset	Switch_JLC	SW_Push_Button_JLC	1
10x Probe TP	Test Point 300 mil centers	TP_3.3V, TP_5V, TP_ARC_RX1, TP_ARC_TX1, TP_D+1, TP_SCL1, TP_SDA1	TP10x_Probe	TP_10x_Probe	7
CH040G	Transceiver USB 2.0 2Mbps SQP-16, 150mil USB 1G ROHS	U1	USB to serial	U_USBtoSerial	1
ATMEGA328P-ANR	AVR AVR8 ATmega Microcontroller IC 8-Bit 28Pin 3.3V (18K x 16) FLASH 32-TQFP (7x7)	U2	ATMega328P	U_ATMega328P	1
PPTC0811FBN-RC	8 Position Header Connector 0.100" (2.54mm) Through Hole Tin	y3	8_PIN_ARC-DIG_100ML	JF_8_PIN_FEMA_ARC-Dig	1
X322512MSB4SI	SMD Crystal Resonators 12MHz ±10ppm SMD-3225_4P RoHS	Y1	Crystal resonator	X_12MHz_Res	1
X322516LH4SI	±10ppm 16000000Hz -40°C-85°C 8.0 ±0.03u, 16 600 9pF SMD3225-4P Crystals ROHS	Y2	Crystal resonator	X_16MHz_Res	1