

Comment	Description	Designator	Footprint	LibRef	Quantity	Value
Cap	Capacitor	C1, C4, C5, C9, C10, C12, C13, C14, C15	RESC2012L	Cap	9	0.1uF, 1.5nF, 20pF
Cap Pol1	Polarized Capacitor (Radial)	C2, C3, C6, C7, C8, C11	CAPC3216L	Cap Pol1	6	10uF
Diode 1N4148	High Conductance Fast Diode	D1, D2	SOD123X.85	Diode 1N4148	2	
Diode 1N5819	1 Amp General Purpose Rectifier	D3	SOD123X.85	Diode 1N4001	1	
LED2	Typical RED, GREEN, YELLOW, AMBER GaAs LED	D4	DSO-C2/D5.6	LED2	1	
BNC	BNC Elbow Connector	P1	BNC_RA CON	BNC	1	
Header 5	Header, 5-Pin	P2	HDR1X5	Header 5	1	
Header 4	Header, 4-Pin	P3, P4	HDR1X4	Header 4	2	
Res1	Resistor	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12	RESC2012L	Res1	12	10k, 36k, 51k, 300, 820
Res Semi	Semiconductor Resistor	R13	RESC2012L	Res Semi	1	10K
CD4050BCM	14-Stage Ripple Carry Binary Counter	U1	M16A_N	CD4050BCM	1	
ICL7660S		U2	SOIC127P600-8M	ICL7660S	1	
TL084BCJ	JFET-Input Operational Amplifier	U3	NSO14_M	TL084BCJ	1	
DSPIC30F2020-30I/ISO	High-Performance 16-bit Digital Signal Controller with Switch Mode Power Supply, 12 KB Flash, 512 Byte SRAM, 28-Pin SOIC, Industrial Temperature	U4	SOIC-SO28_N	DSPIC30F2020-30I/ISO	1	