

Part	Value	Package	Description	DESC	MFG	PN
C1	2.2uF	0805	2.2μF ceramic capacitors	Ceramic Capacitor X7R 0805 (2012 Metric)		
C2	2.2uF	0805	2.2μF ceramic capacitors	Ceramic Capacitor X7R 0805 (2012 Metric)		
C3	4.7uF	0805	4.7μF ceramic capacitors	Ceramic Capacitor X7R 0805 (2012 Metric)		
C4	1uF	0603	1μF ceramic capacitors	Ceramic Capacitor X7R 0603 (1608 Metric)		
C5	1uF	0603	1μF ceramic capacitors	Ceramic Capacitor X7R 0603 (1608 Metric)		
C6	0.1uF	0603	0.1μF ceramic capacitors	Ceramic Capacitor X7R 0603 (1608 Metric)		
C7	0.1uF	0603	0.1μF ceramic capacitors	Ceramic Capacitor X7R 0603 (1608 Metric)		
C8	0.1uF	0603	0.1μF ceramic capacitors	Ceramic Capacitor X7R 0603 (1608 Metric)		
C9	0.1uF	0603	0.1μF ceramic capacitors	Ceramic Capacitor X7R 0603 (1608 Metric)		
C10	0.1uF	0603	0.1μF ceramic capacitors	Ceramic Capacitor X7R 0603 (1608 Metric)		
C11	10uF	0805	10μF ceramic capacitor	10μF ±10% 10V Ceramic Capacitor X7R 0805 (2012 Metric)	AVX Corp	0805ZC106KAT4A
C12	1uF	0603	1μF ceramic capacitors	1μF ±10% 16V Ceramic Capacitor X7R 0603 (1608 Metric)	Vishay Vitramon	VJ0603Y105KXJCW1BC
C13	1uF	0603	1μF ceramic capacitors	1μF ±10% 16V Ceramic Capacitor X7R 0603 (1608 Metric)	Vishay Vitramon	VJ0603Y105KXJCW1BC
C14	10uF	0805	10μF ceramic capacitor	10μF ±10% 10V Ceramic Capacitor X7R 0805 (2012 Metric)	AVX Corp	0805ZC106KAT4A
C15	47uF	1206	47μF Tantalum capacitor	47μF Molded Tantalum Capacitors 10V 1206 (3216 Metric)	AVX Corp	TLJG476M010R1500
C17	47uF	1206	47μF Tantalum capacitor	47μF Molded Tantalum Capacitors 10V 1206 (3216 Metric)	AVX Corp	TLJG476M010R1500
IC1	REG3.3	SOT223	250 mA, 16V, LDO Regulator	IC REG LIN 3.3V 250MA SOT223-3	Microchip Tech	MCP1703T-3302E/DB
IC2	REG3.0	SOT223	250 mA, 16V, LDO Regulator	IC REG LINEAR 3V 250MA SOT223-3	Microchip Tech	MCP1703T-3002E/DB
IC3	REG3.3	SOT223	250 mA, 16V, LDO Regulator	IC REG LIN 3.3V 250MA SOT223-3	Microchip Tech	MCP1703T-3302E/DB
J1	RCPT15POS	1X15_LOCK	Header Recp. 0.1 inch spaced	15 Position Receptacle Connector Through Hole	Harwin Inc	M20-7821546
R1	500K	SM-42/43W	POTENTIOMETER	500 kOhms 0.25W, 1/4W J Lead Trimmer 12 Turn Top Adj	Bourns Inc	3224W-1-504E
R2	100	1206	RESISTOR	100 Ohms ±0.1% 0.4W, 2/5W 1206 Thin Film	Vishay Thin Film	PTN1206Y1000BST1
R3	100	1206	RESISTOR	100 Ohms ±0.1% 0.4W, 2/5W 1206 Thin Film	Vishay Thin Film	PTN1206Y1000BST1
R4	0	1206	RESISTOR	0 Ohms 0.25W, 1206 Thick Film jumper	Vishay Thin Film	CRCW12060000Z0EA
R5	0	1206	RESISTOR	0 Ohms 0.25W, 1206 Thick Film jumper	Vishay Thin Film	CRCW12060000Z0EA
R9	6.8K	0805	RESISTOR	6.8K Ohms Resistor Generic		
R10	6.8K	0805	RESISTOR	6.8K Ohms Resistor Generic		
U1	1447ECJ	32TQFP	32 pin ADC / LED driver meter IC	IC ADC 4.5DIGIT 50 32TQFP	Maxim Integrated	MAX1447ECJ+
SP	7/16"	Hex Standoff	HEX STANDOFF #4-40 7/16"	Threaded Male, Female Dia 0.188"" (4.78mm) 3/16"" Hex	RAF Electronic Hw	4504-440-AL-7
			Power Designs 6010D resistors for calibration circuits			
PD-R56	1.74K	Thru-hole	RESISTOR	1.74 kOhms ±1% 0.25W, Resistor Axial ±50ppm/°C	Vishay Dale	CMF501K7400FHEB
PD-R54	50	3299Y	TRIMMER 50 OHM PC PIN TOP	Trimmer Potentiometer Cermet 25 Turn Top Adjustment	Bourns Inc.	3299Y-1-500LF
PD-R12	120	Thru-hole	RESISTOR	120 Ohms ±0.1% 0.5W, Resistor Axial ±50ppm/°C	Vishay Dale	CMF55120R00BHEK