

Parts List

Identifier	Value	Type	Notes
R1	82R or 100R	1206	
R2, R7	1K	1206	
R3	1K8	2W carbon	Leaded
RV1	10K	Bourns 3296	25T Leaded
C1	82pF	1206	50V
C2, C5	47pF	1206	50V
C3	12pF	1206	50V
C4	22pF	1206	50V
C6, C11	10nF	1206	50V
C7, C10	1nF	1206	50V
C8, C13	27pF	1206 or ATC100B	>200V
C12	82pF	1206 or ATC100B	>200V
C14, C19	18pF	1206 or ATC100B	>200V
C16	270pF	1206 or ATC100B	>200V
C20	5.6pF	1206	50V
C21	15pF	1206 or ATC100B	>200V
C22	15pF	1206	50V
C23, C24	10uF	Electrolytic, size A	16V
C25, C26	100nF	1206	100V
C27	220uF	Electrolytic, size KE0	63V
U1	AMS1117-3V3	SOT223 Regulator	
Q1	MRF101AN	TO220	
D1	RLS4148	MELF silicon diode	
D2	BZV85C12	12V, 1.3W leaded Zener diode	
D3	LED	PLCC-2 Red	
L8	2T Ferrite Bead	FB43-101	2T 26 SWG wire on FB43-101
L3	7T Air Coil	18 SWG Hand-wound	ID 6.0, L 12.0mm
L5	3T Air Coil	18 SWG Hand-wound	ID 6.5, L 7.0mm
L6	4T Air Coil	18 SWG Hand-wound	ID 7.0, L 7.5mm
L7	4T Air Coil	18 SWG Hand-wound	ID 6.0, L 7.5mm