

SIMPLE ADAPTABLE AGC CIRCUIT FOR THE SIMPLE HIGH FREQUENCY COMMUNICATIONS RECEIVER

PART	VALUE	DESCRIPTION	DIGIKEY PART NUMBER
C1	.22 Uf	ceramic capacitor, 50 v	399-13990-2-ND
C2	0.1 uF	ceramic capacitor, 50 v, 20%	478-12590-ND
C3	0.1 uF	ceramic capacitor, 50 v, 20%	478-12590-ND
C4	.01 uF	ceramic capacitor, 50 v, 10%	399-9865-1-ND
C6	4.7 Uf	electrolytic capacitor, 63v	493-11017-1-ND
C7	100 uF	electrolytic capacitor, 35v	35YXJ100M6.3X11
D1	1n4148	switching diode	1N4148FS-ND
D2	1n4148	switching diode	1N4148FS-ND
Q1	2n3904	NPN general purpose transistor	2368-2N3904-ND
Q2	2n3904	NPN general purpose transistor	2368-2N3904-ND
Q3	2n3906	PNP general purpose transistor	2368-2N3906-ND
R1	6.8 k	1/4 watt resistor, 5% axial	CF14JT6K80CT-ND
R2	220 k	1/4 watt resistor, 5% axial	CFM14JT220K
R3	2.2 k	1/4 watt resistor, 5% axial	CF14JT3K30CT-ND
R4	3.3 k	1/4 watt resistor, 5% axial	CF14JT2K20CT-ND
R5	3.3 k	1/4 watt resistor, 5% axial	CF14JT2K20CT-ND
R6	330	1/4 watt resistor, 5% axial	CF14JT330RCT-ND
R7	100	1/4 watt resistor, 5% axial	CF14JT100RCT-ND
R8	10 k	miniature trimmer resistor	CT6EP103-ND
R9	1 k	miniature trimmer resistor	CT6EP102-ND
R10	1 k	miniature trimmer resistor	CT6EP102-ND
PCB		printerd circuit board	availabe at http://wa3tfs.com