

AWALOGO
* SR0947C

The value of th VT3 emitter resistor in all the Ge versions of this amp I have is consistantly 2k2. In the only two Si amps I have one has a 2k2 and the other uses a 33k.

In the schematic for the Ge version this a resistor so a divider sets the output voltage of the regulator. By the time my Ge amps were made they had started to use a zener diode instead.

NOTES:
C7 was included in the Ge version of the circuit but not this Si version.
C8 can be added if HF supply bypass improves the output noise.
C9 is optional and can be added if HF performance is improved.
C10 can be added if the zener noise is reduced.

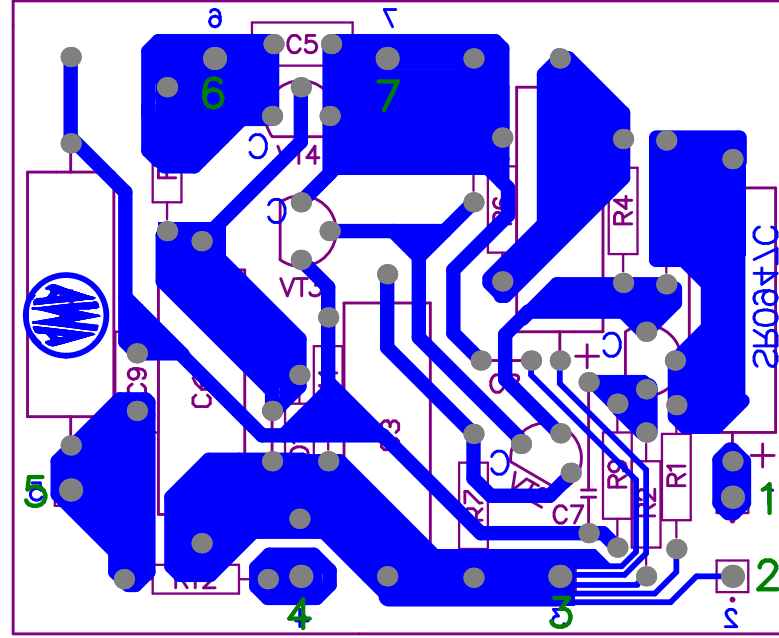
This schematic is based upon AWA 30dB amplifier circuit SR0947C used in BAC-1 Consolette, Type 2G61226.



Title AWA 30dB Amplifier		
Size: A4	Number: SS000116	Revision:
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File: C:\Users\peter\Documents\Projects\AWA BAC-1 Restoration\AWA 2G61226 SN 71\Schematics\AWA 30dB amp.SchDoc		

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Description	Designator	Manufacturer	ManufacturerPartNumber	Quantity	Supplier	SupplierPartNumber
	0			1		
PCB			SC0947C	1	O'Neill Associates	SC0947C
Terminal Pin	1, 2, 3, 4, 5, 6, 7	ETTINGER	13.14.305	7	E14	1336236
Polarized Capacitor (Axial)	C1, C6	Nichicon	TVX1E101MAD	2	E14	8823553
Polarized Capacitor (Axial)	C2	VISHAY BC COMPONENTS	MAL202136151E3	1	E14	1384702
Polarized Capacitor (Axial)	C3	Nichicon	TVX1A471MAD	1	E14	8823430
Polarized Capacitor (Axial)	C4	Nichicon	TVX1E221MAD	1	E14	8823561
Capacitor	C5, C9	VISHAY BC COMPONENTS	BFC237065103	2	E14	1166030
Zener Diode	D1	NXP	BZX79-C16	1	E14	1097218
Resistor	R1, R8, R14	Multicorp	MF25 8k2	3	E14	9342273
Resistor	R2	Multicorp	MF25 82R	1	E14	9342303
Resistor	R3, R6	Multicorp	MF25 33k	2	E14	9341757
Resistor	R4	Multicorp	MF25 6k8	1	E14	9342168
Resistor	R7	Multicorp	MF25 3k9	1	E14	9341854
Resistor	R9	Multicorp	MF25 3k3	1	E14	9341749
Resistor	R11	Multicorp	MF25 2k2	1	E14	9341536
Resistor	R12	Multicorp	MF25 560R	1	E14	9342052
PNP Bipolar Transistor	VT1, VT2, VT3	FAIRCHILD SEMICONDUCTOR	BC559CTA	3	E14	2453808
PNP Bipolar Transistor	VT4	FAIRCHILD SEMICONDUCTOR	BC557BTA	1	E14	2453804