

BOM W492 NEUMANN

Q.té	Resistances:	N° on PCB
2	20K 1/4W 1%	R1, R2
2	100K 1/4W 1%	R10, R47
4	330K 1/4W 1%	R11, R14, R29, R48
10	5K1 1/4W 1%	R12, R13, R27, R28, R42, R43, R49, R5, R50, R6
2	220R 1/4W 1%	R15, R30
2	1K8 1/4W 1%	R16, R31
2	4K3 1/4W 1%	R17, R32
5	1K 1/4W 1%	R18, R21, R33, R36, R9
4	560R 1/4W 1%	R19, R22, R34, R37
4	1K2 1/4W 1%	R20, R23, R35, R38
2	2K 1/4W 1%	R24, R39
2	14K 1/4W 1%	R25, R40
2	6K8 1/4W 1%	R26, R41
2	10K 1/4W 1%	R3, R4
4	620R 1/4W 1%	R44, R45, R7, R8
1	3K3 1/4W 1%	R46
2	22R 1/4W 1%	R51, R52
	Trimmer:	
2	200R 63P	PT1, PT4
2	10K 63P	PT2, PT3
	Condensateurs film:	
2	1.5nF film capa Wima p=5.08mm	C12, C14
2	4.7nF film capa Wima p=5.08mm	C13 C15
1	22nF film capa Wima p=5.08mm	C16
1	6.8nF film capa Wima p=5.08mm	C17
1	47nF film capa Wima p=5.08mm	C3
1	10nF film capa Wima p=5.08mm	C4
2	100nF film capa Wima p=5.08mm	C7,C9
	Condensateurs ceramic:	
2	47pF ceramic capa p=5.08mm	C1, C2
4	100nF ceramic capa p=5.08mm	C19, C20, C21, C22
	Condensateurs electrolytique:	
4	100uF / 35V d=6;5mm	C11, C18, C5, C6
	Chips:	
8	NE5532	U1, U2, U3, U4, U5, U6, U7, U8
	Divers:	
8	10K LIN pot P092N-FC15BR10K	P1, P2, P3, P4, P5, P6, P7, P8
4	CK7101 Switch (wired)	S1, S2, S3, S4

W492 - TRIMMER RESISTOR ADJUSTMENT

- Sine generator to eq input. Generator output level 0 dBu.
- Level meter to eq output (should read 0 dBu when all switches off).

FILTER 1

- set generator to 400 Hz (0 dBu)
- S1 on, all other switches off
- P1 clockwise (+15 dB)
- P2 clockwise (400 Hz)
- adjust PT1 so that level meter reads +15 dBu

FILTER 2

- S2 on, all other switches off
- P3 clockwise (+15 dB)
- P4 clockwise (1 kHz)
- adjust generator frequency and find the maximum level (peak of the curve)
- adjust PT2 so that level meter reads +15 dBu

FILTER 3

- S3 on, all other switches off
- P5 clockwise (+15 dB)
- P6 counterclockwise (1 kHz)
- adjust generator frequency and find the maximum level (peak of the curve)
- adjust PT3 so that level meter reads +15 dBu

FILTER 4

- set generator to 3 kHz (0 dBu)
- S4 on, all other switches off
- P7 clockwise (+15 dB)
- P8 counterclockwise (3 kHz)
- adjust PT4 so that level meter reads +15 dBu

NO TEST EQUIPMENT ?

If you don't have generator & level meter, adjust PT1 & PT4 to 100 ohms and PT2 & PT3 to 5 kohms before soldering.