

Resistors.

ARDFrx80-7

pa0nhc 20107 **1214**

All resistors : 2.5x6.5mm 0.25W **metal film**.

R3	22k METAL FILM (oscillator phase noise !)	
R4,12	10k	
R5	47k lin. tuning potmeter, 6mm shaft (without switch)	440709
R6	220k	
R7,26	2k2	
R8,11,22, 27,28 , 107	100k	
R13,14,102	470k	
R15,18	22k If for L3 and L5 coils with lower Q (40) are used, both R15 and R18 should be changed to lower value (10k) in order compensate with higher audio gain by IC2.	
R16,17	330k	
R19	4k7	
R20	470	
R21	47k lin. gain potmeter, 6mm shaft, with off-on battery switch.	441352
R24	22 k Sets min. gain when R21 is set to minimum.	
R25	100	
R104	47k	
Rx	1k5 for crystal filter 10M12B	

	Adapt Rx for another crystal filter. Rx = FilterZin – 1k5	
Ry	3k0 for crystal filter 10M12B (3k3 in parallel with 33k) 3k3 on top copper, 33k on bottom copper. Adapt Ry for another crystal filter. Ry = FilterZout	
R101	1M	
R105	470 Ohm trim pot vert. RM5x2.5 ADJUST : At a distance of abt. 300m from a vertical polarized transmitter antenna, adjust R105 for minimum signal at one side of the antenna directional pattern.	430692
R 110, 111	470	
R103,108,109,203 ----- FB2.5	1k ----- 1k, mounted vertically with body end to G2 track	
FB6,7	Resistors (220 Ohms) See "Setup" for adjustment of max. auio loudness.	
R201	680k	
