

DIRECT CONVERSION RECEIVER PARTS LIST

Resistors are 1% metal film (5% carbon okay). Capacitors (except C2 and C13) are MLCC or NP0 ceramic.

Resistors

R1, R6	1K
R2, R3, R7, R8	10K
R4, R5	220K
R9	15K
R10	4M7

VR1	10K (103) PCB flat-mount, multi-turn preferred (single-turn okay)
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Capacitors

C1, C5, C10, C11	0.1uF (104)
C2, C13	10uF (electrolyte)
C3, C4, C6	.047uF (473)
C7, C8, C9	.01uF (103)
C12	150pF (151)

Integrated Circuits

U1	SA612 (or NE602/SA602)
U2	TLC272 (or TLC082)

Jacks

Antenna RCA/BNC input connector (optional) or use alternative antenna connections
Audio output jack (optional) or use alternative audio cable connections

Miscellaneous

Solderless breadboard (830 tie point, MB-102 or equivalent)
22 gauge connecting wires (various colours and lengths)