



144-146 MHZ

10.7MHZ IF + AUDIO AMP

VFO (144 + 10.7MHZ)
tunes 144.0 to 145.75 (approx)

5V REGULATED SUPPLY

Screening
(see text)

R2 Optional.
replace with
ferrite bead
RFC

IFT (pink)
10.7MHZ

C19 (non-
47u polarized)

L3
2T
ferrite
bead

R5/6
select to
match
filter
output

SK1
HEADPHONES
(STEREO)

IC2 TA7613AP or
TDA1083
One Chip AM/FM radio
with Audio Power
Amplifier.
Commonly used in low
cost consumer AM/FM
radios, e.g.
*Shower Radios
*Radio Alarm Radios
*Car Radios.

UNTESTED EQUIVALENTS
A283D
CD7613CP
HA12402 (HITACHI)
K174HA10
K174XA10
K531A-2B
ULN2204

FAILED EQUIVALENTS
KA22427 (SAMSUNG)

ROX-2T by G3ZOI

ARDF RX. Based on a original design by OK2BWN (with PA0NHG adappings)

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