



Band decoders to control the LPF switching in amplifiers.

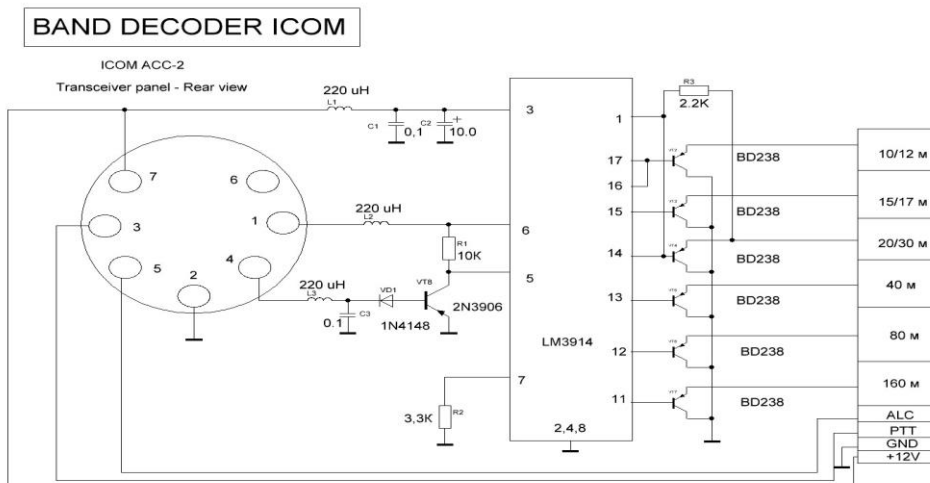
1.for ICOM radios

Band decoder takes three inputs from ICOM accessory connector: +8V reference, +12V and band voltage. The output open-emitter transistor key connects to ground the band terminal determined by band voltage (pin 4 of ACC2 connector).

WARC bands are not separated, 12m decodes as 10m, 17m as 15m, 30m as 40m.

The DC voltage to control is up to 50 V with max current 1.0 A .

PTT, ALC, +13.8 V and GND lines are coming through to control the amplifier.



2.for YAESU radios

Band decoder converts BCD code from transceiver's BAND DATA outputs to 6 open-collector terminals assigned to 10m, 15m, 20m, 40m, 80m, 160m.

WARC bands are combined as follows: 30/20, 17/15, 12/10 meters. 30 meters could be combined with 40m band by diode jumper if required.

The output ports DC voltage to control is up to 50 V with max current 0.5 A . PTT, ALC, +13.8 V and GND lines are coming through decoder to control the amplifier.

Band decoder for Yaesu/Elecraft K3/Ten-Tec

