

4 BAND DOUBLE TUNED PRESELECTOR

Note
S1 positions
1 = RL1
2 = RL2
3 = RL3
4 = RL4

Relays A-H
12V min. SPST

See Text

RF IN

S2a

S1a

S1b

S1c

RL A/1

RL B/1

RL G/1

RL H/1

IFT1

IFT2

IFT3

IFT4

IFT5

IFT6

IFT7

IFT8

RF OUT

S2b

+12V

IFT1,2 = YMR50046N
IFT3,4 = KANK3333R
IFT5,6 = KANK3334R
IFT7,8 = KANK3335R

The preamplifier is double tuned on the input having two IFT coils for each RF range, input applied to G1 of a double gate MOSFET. Gain control is applied to G2 and the output is taken from the DGMOSFET drain terminal. [Click here](#) for a picture of David's MW loop. [Click here](#) to view a finished picture of this project.



