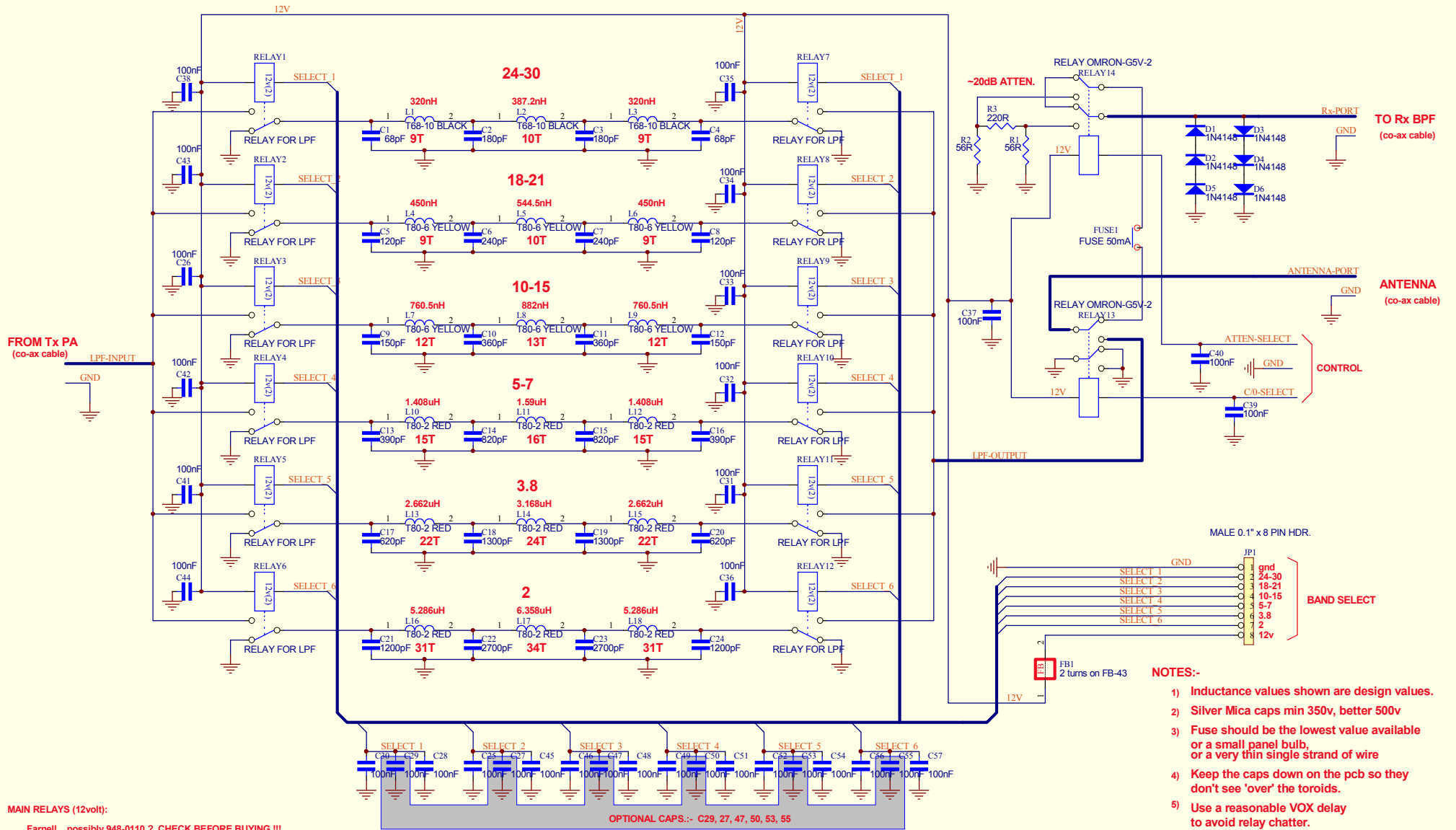


LPF FOR PICaSTAR by RAY (G4TZR)

(Drawn by VK3PE)

This is not an "official" part of PICaSTAR



MAIN RELAYS (12volt):
 Farnell possibly 948-0110 ? CHECK BEFORE BUYING !!!
 RS Components ?
 IN VK, eg Altronics "GOODSKY" BRAND RW-SS-112D
 Ebay, often available on Ebay. Ensure pinout etc is same though !
C/O & ATTN RELAYS (12volt) Omron-G5V-2 or equivalent.

ALL TOROIDS WOUND WITH 22swg ENAMELLED WIRE (20 AWG or ~0.6mm)

Toroids: try www.kitsandparts.com
 Mica Caps: try www.justradios.com

You may need to parallel some Mica caps for correct value.
 The PCB holes for the Mica caps will take two leads.

NOTES:-

- 1) Inductance values shown are design values.
- 2) Silver Mica caps min 350v, better 500v
- 3) Fuse should be the lowest value available or a small panel bulb, or a very thin single strand of wire
- 4) Keep the caps down on the pcb so they don't see 'over' the toroids.
- 5) Use a reasonable VOX delay to avoid relay chatter.

11-03-08 inductance values
 21-02-08 DRAFT from pcb.

Sheet: PICaSTAR SCHEMATICS BY VK3PE & C.S.
 21-02-08 DRAFT from pcb

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