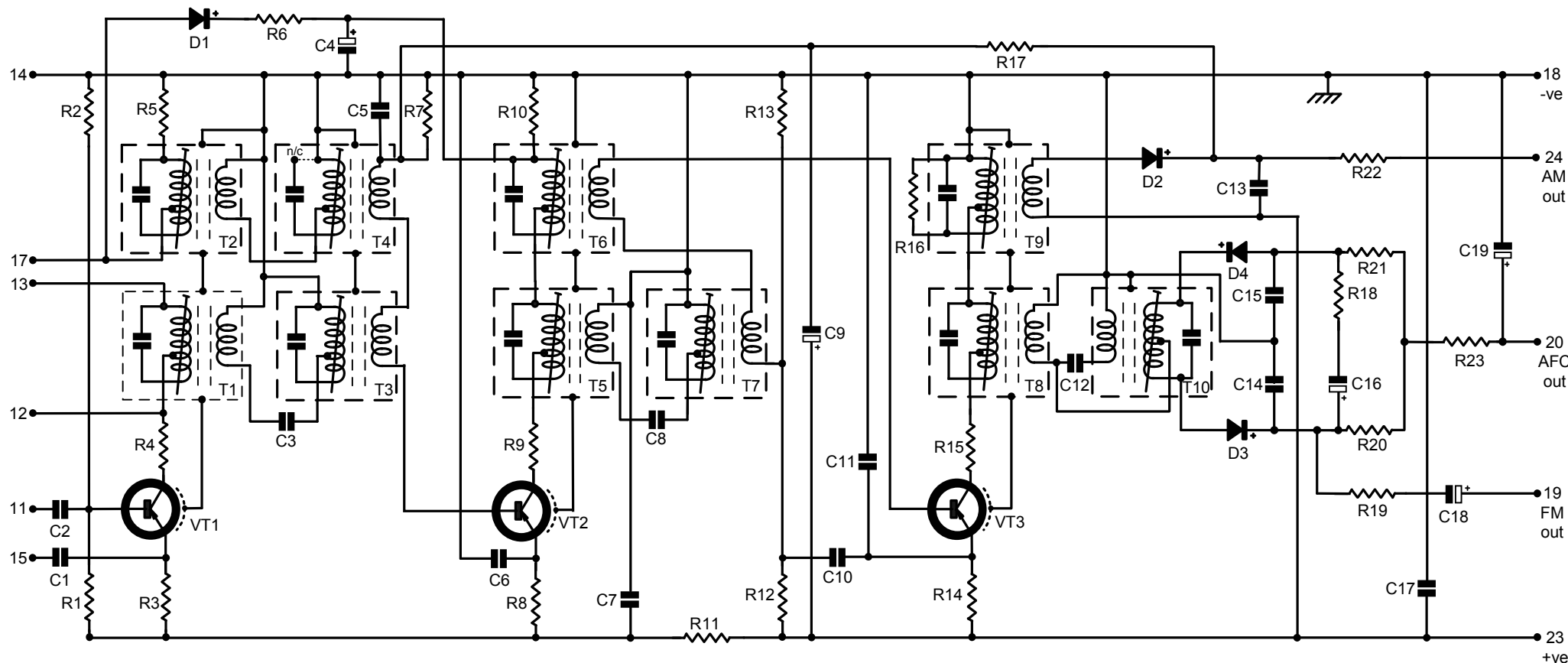




Capacitors

C1 - 33nF 20% 250V Mullard C280AE p.e.t.p.
 C2 - 10nF -20%+80% 63V Mullard C629 ceramic plate
 C3 - 27pF 2% N150 100V Mullard C632 ceramic plate
 C4 - 10uF 16V Mullard C426 Aluminium wet electrolytic
 C5 - 47nF 20% 250V Mullard C280AE p.e.t.p.
 C6 - 47nF 20% 250V Mullard C280AE p.e.t.p.
 C7 - 100nF 20% 250V Mullard C280AE p.e.t.p.
 C8 - 27pF 2% N150 100V Mullard C632 ceramic plate
 C9 - 10uF 16V Mullard C426 Aluminium wet electrolytic
 C10 - 22nF 20% 250V Mullard C280AE p.e.t.p.
 C11 - 47nF 20% 250V Mullard C280AE p.e.t.p.
 C12 - 47pF 2% N150 100V Mullard C632 ceramic plate
 C13 - 10nF -20%+80% 63V Mullard C629 ceramic plate
 C14 - 330pF ceramic bead, unknown Mullard type
 C15 - 330pF ceramic bead, unknown Mullard type
 C16 - 10uF 16V Mullard C426 Aluminium wet electrolytic
 C17 - 10nF -20%+80% 63V Mullard C629 ceramic plate
 C18 - 10uF 16V Mullard C426 Aluminium wet electrolytic
 C19 - 2.2uF 63V Mullard C426 Aluminium wet electrolytic

Resistors

R1 - 6k8 Ohms
 R2 - 47k Ohms
 R3 - 820 Ohms
 R4 - 120 Ohms
 R5 - 120 Ohms
 R6 - 680 Ohms
 R7 - 68k Ohms
 R8 - 680 Ohms
 R9 - 120 Ohms
 R10 - 3k3 Ohms
 R11 - 100 Ohms
 R12 - 4k7 Ohms
 R13 - 22k Ohms
 R14 - 270 Ohms
 R15 - 120 Ohms
 R16 - 1k8 Ohms
 R17 - 8k2 Ohms
 R18 - 1k0 Ohms
 R19 - 2k2 Ohms
 R20 - 5k6 Ohms
 R21 - 5k6 Ohms
 R22 - 470 Ohms
 R23 - 100k Ohms

All resistors are 5% 0.33W Mullard CR25

IF Transformers

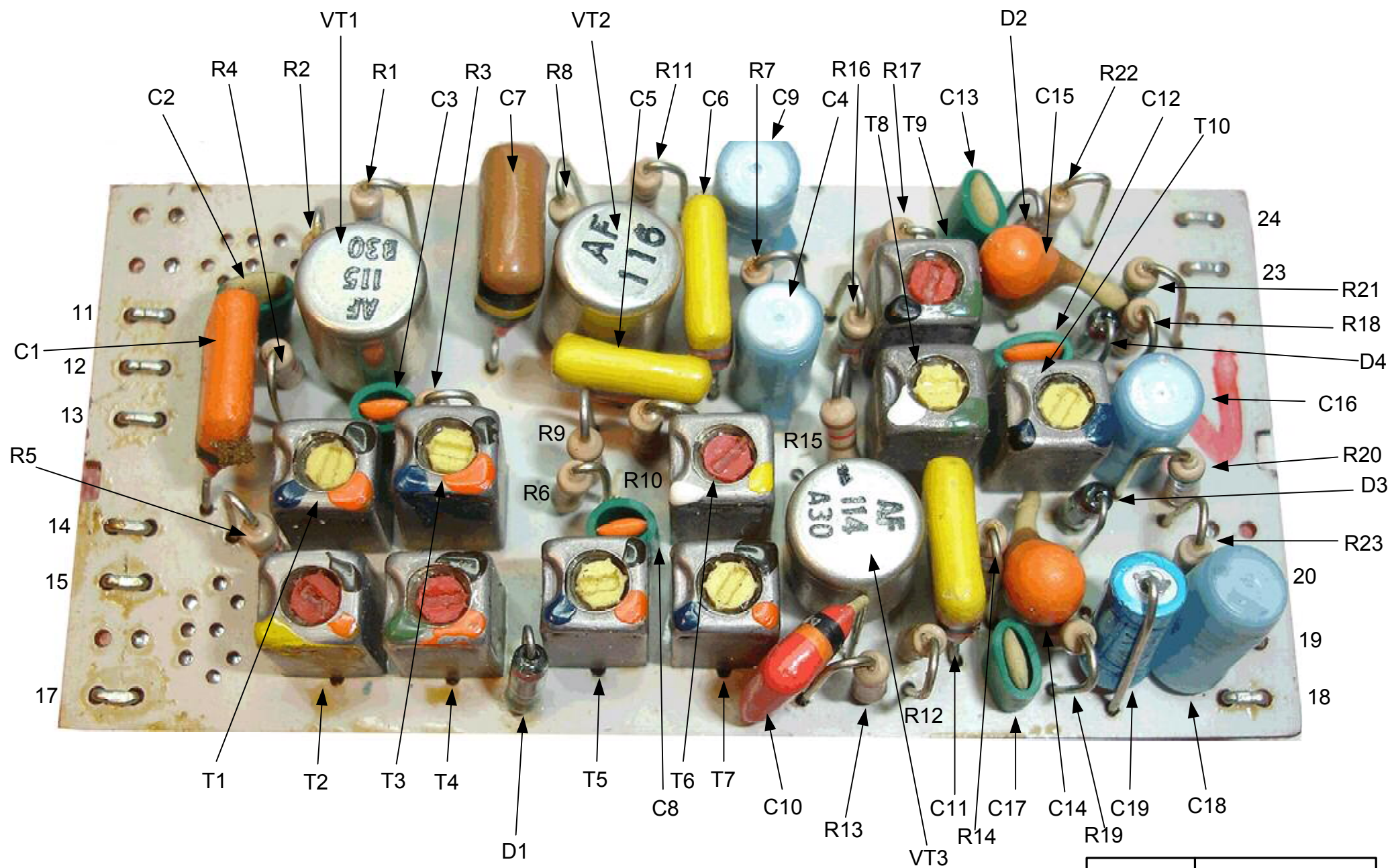
T1 - FM (yellow) first IF transformer (coded blue, orange, brown)
 T2 - AM (red) first IF transformer (coded yellow, orange, brown)
 T3 - FM (yellow) IF transformer (coded blue, orange, brown)
 T4 - AM (red) first IF transformer (coded green, orange, brown)
 T5 - FM (yellow) second IF transformer (coded blue, orange, brown)
 T6 - AM (red) second IF transformer (coded white, yellow)
 T7 - FM (yellow) second IF transformer (coded blue, orange, brown)
 T8 - FM (yellow) third IF transformer (coded white, green)
 T9 - AM (red) detector IF transformer (coded black, green)
 T10 - FM (yellow) discriminator transformer (coded black, blue)

Transistors and Diodes

VT1 - AF115 Mullard
 VT2 - AF116 Mullard (or AF115)
 VT3 - AF114 Mullard (or AF115)
 D1 - AA119 Mullard
 D2 - OA90 Mullard
 D3 - AA119 Mullard
 D4 - AA119 Mullard

Mullard LP 1164/1 IF Module

Drawn	Ron Bryan
Date	31 July 2008
Version	1 (first issue)



Mullard LP 1164/1 IF Module Component Layout

Drawn	R D Bryan
Date	28 July 2008
Version	1.0 (first issue)