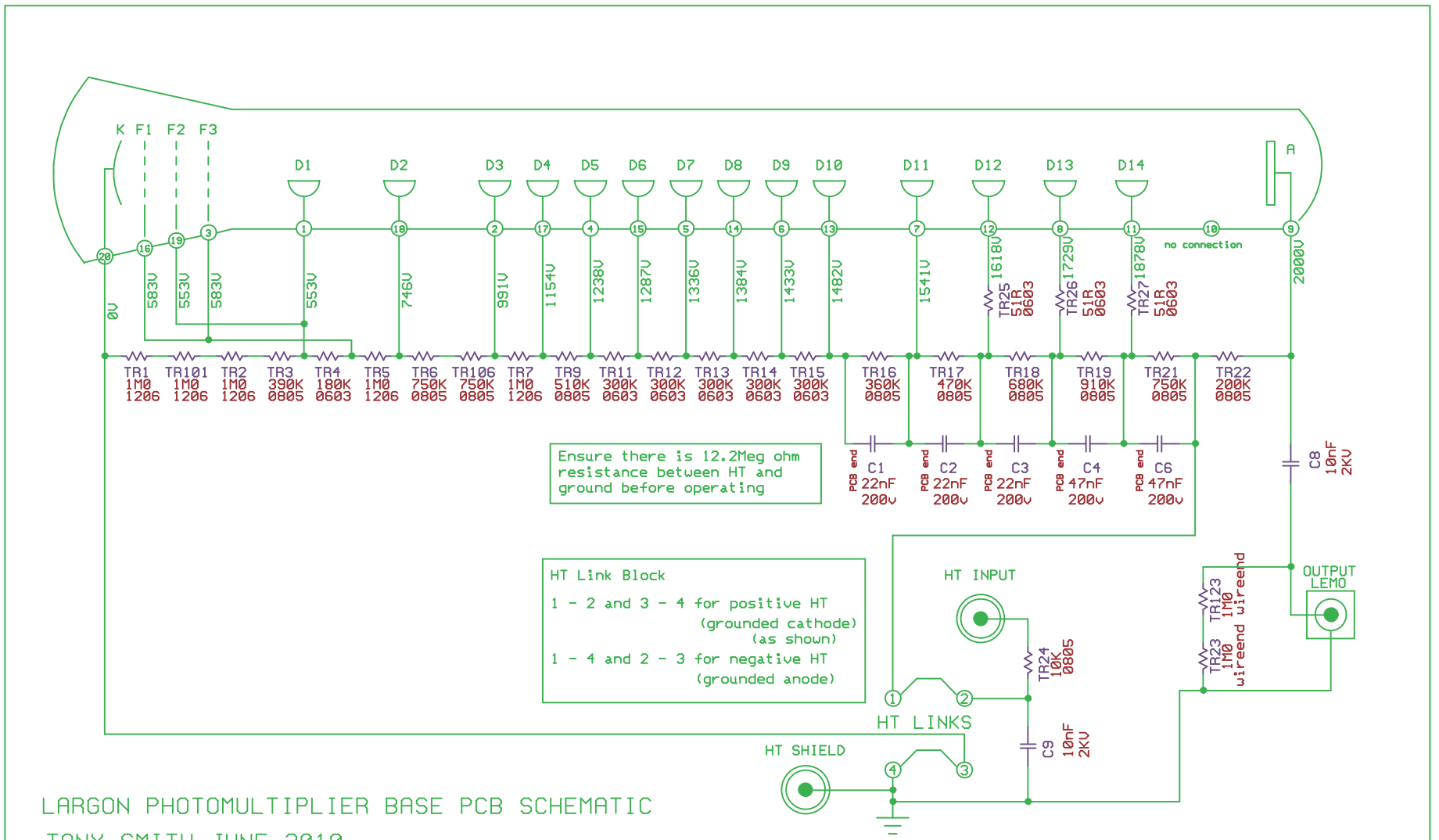
K F1 F2 F3
D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14
A
no connection
0V
583V 553V 583V 553V 746V 991V 1154V 1238V 1287V 1336V 1384V 1433V 1482V 1541V 1618V 1729V 1878V 2000V
TR25 51R 0603
TR26 51R 0603
TR27 51R 0603
TR1 1M0 1206
TR101 1M0 1206
TR2 1M0 1206
TR3 390K 0805
TR4 180K 0603
TR5 1M0 1206
TR6 750K 0805
TR106 750K 0805
TR7 1M0 1206
TR9 510K 0805
TR11 300K 0603
TR12 300K 0603
TR13 300K 0603
TR14 300K 0603
TR15 300K 0603
TR16 360K 0805
TR17 470K 0805
TR18 680K 0805
TR19 910K 0805
TR21 750K 0805
TR22 200K 0805
Ensure there is 12.2Meg ohm resistance between HT and ground before operating
PCB end C1 22nF 200v
PCB end C2 22nF 200v
PCB end C3 22nF 200v
PCB end C4 47nF 200v
PCB end C6 47nF 200v
C8 10nF 2KV
HT Link Block
1 - 2 and 3 - 4 for positive HT
(grounded cathode)
(as shown)
1 - 4 and 2 - 3 for negative HT
(grounded anode)
HT INPUT
TR24 10K 0805
HT LINKS
C9 10nF 2KV
HT SHIELD
TR123 1M0 wireend
TR23 1M0 wireend
OUTPUT LEMO
LARGON PHOTOMULTIPLIER BASE PCB SCHEMATIC
TONY SMITH JUNE 2010