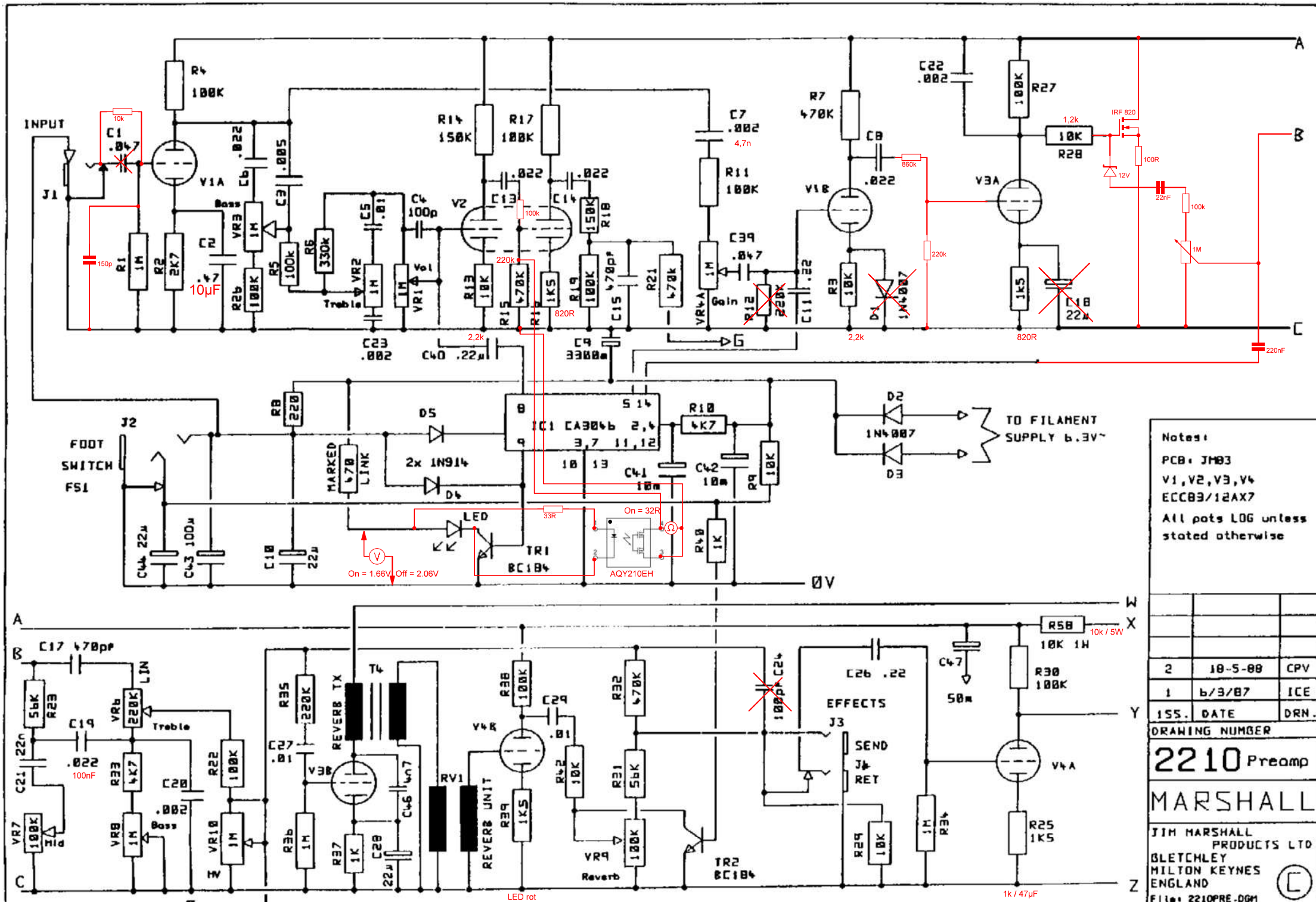
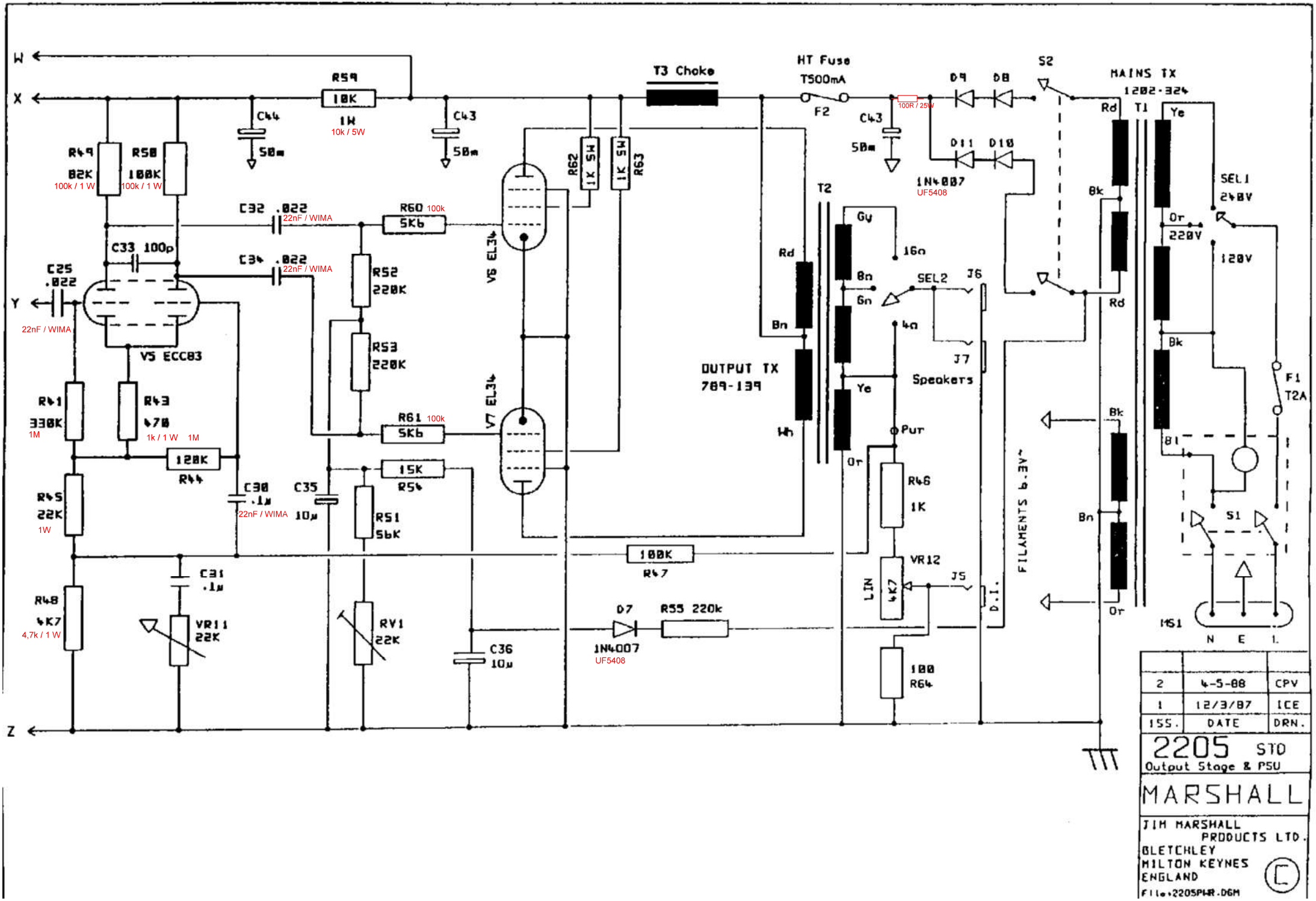
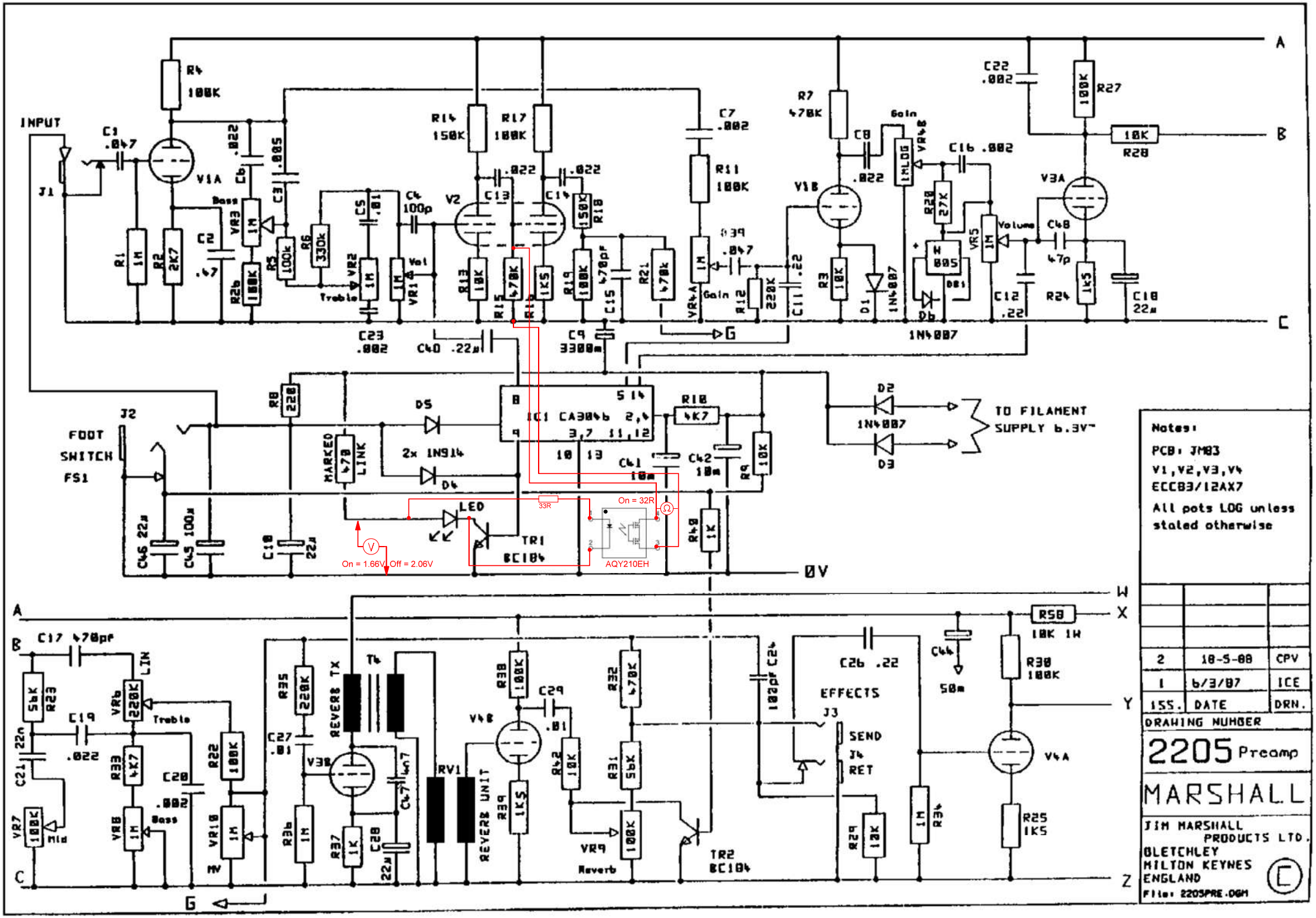

INPUT
J1
J2
FOOT SWITCH FS1
V1A
V1B
V2
V3A
V3B
V4A
V4B
IC1 CA3046
TR1 BC184
TR2 BC184
AQY210EH
LED
LED rot
REVERB TX
REVERB RX
REVERB UNIT
EFFECTS
SEND
RET
Treble
Bass
Vol
Gain
Reverb
TO FILAMENT SUPPLY 6.3V~
2x 1N914
1N4007
MARKED LINK
On = 1.66V Off = 2.06V
On = 32R
10µF
0V
Notes:
PCB: JM83
V1,V2,V3,V4
ECC83/12AX7
All pots LOG unless stated otherwise
2 | 18-5-88 | CPV
1 | 6/3/87 | ICE
155. | DATE | DRN.
DRAWING NUMBER
2210 Preamp
MARSHALL
JIM MARSHALL PRODUCTS LTD.
BLETCHLEY
MILTON KEYNES
ENGLAND
File: 2210PRE.DGM


W
X
Y
Z
R59 10K 1W 10k / 5W
C44 50m
C43 50m
T3 Choke
HT Fuse T500mA
F2
C43 50m
100R / 25W
D9 D8 D11 D10
1N4007 UF5408
S2
MAINS TX 1202-324
T1
Rd Bk Or Ye Bk Bl Bn Or
SEL1 240V 220V 120V
F1 T2A
S1
MS1
N E L
R49 82K 100k / 1 W
R58 100K 100k / 1 W
C32 .022 22nF / WIMA
R60 100k 5K6
C33 100p
C34 .022 22nF / WIMA
C25 .022 22nF / WIMA
V5 ECC83
R52 220K
R53 220K
R61 100k 5K6
R62 1K 5W
R63 1K 5W
V6 EL34
V7 EL34
T2
Rd Bn Wh
OUTPUT TX 789-139
Gy 16Ω
Bn 8Ω
Gn 4Ω
Ye
Or
SEL2
J6
J7
Speakers
Pur
R46 1K
VR12 LIN 4K7
J5
D.I.
FILAMENTS 6.3V~
R61 330K 1M
R63 470 1k / 1 W 1M
128K R44
R45 22K 1W
C30 .1µ 22nF / WIMA
C35 10µ
R54 15K
R51 56K
R47 100K
C31 .1µ
R48 4K7 4,7k / 1 W
VR11 22K
RV1 22K
C36 10µ
D7 1N4007 UF5408
R55 220k
R64 100
2 4-5-88 CPV
1 12/3/87 ICE
ISS. DATE DRN.
2205 STD
Output Stage & PSU
MARSHALL
JIM MARSHALL PRODUCTS LTD.
BLETCHLEY
MILTON KEYNES
ENGLAND
File:2205PWR.DGM


INPUT
J1
V1A
V2
V3A
V4B
V4A
R4 100K
R1 1M
R2 2K7
C1 .047
C2 .47
R2b 100K
VR3 1M
Bass
C3 .005
C4 100p
R5 100k
R6 330k
C5 .01
VR2 1M
Treble
VR1 1M
Vol
C6 .022
R13 18K
R14 150K
R15 470K
R16
R17 100K
C13 .022
C14 .022
R18 150K
R19 100K
C15 470pF
R21 470k
C7 .002
R11 100K
VR4A 1M
Gain
R12 220K
C11 .22
C23 .002
C40 .22µ
C9 3300p
G
R7 470K
C8 .022
Gain
VR4B 1MLOG
C16 .002
R20 27K
VR5 1M
Volume
C12 .22
D1 1N4007
D2 1N4007
D3 1N4007
R3 18K
C22 .002
R27 100K
R28 18K
C48 47p
R24 1K5
C18 22µ
R8 220
J2
FOOT SWITCH FS1
D5
2x 1N914
D6
MARKED 470 LINK
IC1 CA3046
R10 4K7
C41 10n
C42 10n
R9 10K
TO FILAMENT SUPPLY 6.3V~
LED
TR1 BC184
33R
On = 32R
AQY210EH
On = 1.66V, Off = 2.06V
R48 1K
C46 22µ
C45 100µ
C10 22µ
0V
W
X
Y
Z
A
B
C
C17 470pF
R23 56K
C19 .022
C21 22n
VR7 100K Mix
VR6 220K LIN
Treble
R33 4K7
C20 .002
VR8 1M
Bass
R22 100K
VR10 1M
3V
R35 220K
REVERB TX
T1
C27 .01
R36 1M
R37 1K
C28 22µ
C47 4n7
RV1
REVERB UNIT
R39 1K5
R38 100K
C29 .01
R42 18K
VR9 100K
Reverb
R32 470K
R31 56K
TR2 BC184
C24 100pF
C26 .22
EFFECTS
J3
SEND J4 RET
R29 18K
R34 1M
C44 50n
R30 100K
R25 1K5
R58 10K 1W
Notes:
PCB: JM83
V1,V2,V3,V4
ECC83/12AX7
All pots LOG unless stated otherwise
2 18-5-88 CPV
1 6/3/87 ICE
ISS. DATE DRN.
DRAWING NUMBER
2205 Preamp
MARSHALL
JIM MARSHALL PRODUCTS LTD.
BLETCHLEY
MILTON KEYNES
ENGLAND
File: 2205PRE.DGM