Replace only with same type

Input
5CL1310
J2
4M7 R3
SP PO1
SP PO2
Footswitch
1
By Pass

IC1 +12V
NE 5532 A
SP PO3
220 R1
15n C1
4M7 R4
1M0 R2
2,2u/35V C13
-12V
1n C4
1u C5
2k2 R5
6k8 R6
1M0 R8
1M0 R9
330n C3
820 R7
C2 33n
C6 47n
Board1 TSM 2.-- Mid Boost

4k7 R24
2,2n C15
C14 47n
50k log Gain Board1 TSM 2.--
GND
22n C17
18k R22
18k R21
220n C19
100k R23

NE 5532 A
IC1
150k R27
470p C18
680 R28
C21 10u/35V
560 R29
C20 330n
22n C22
47k R16
100k R15

1N4148 D1
1N4148 D2
B80C1500 B1
S1 DSw.4+3(Lorlin)

+300V
100k R34 1W
47n/400V C27
470p C26
47k R71
470k R64
1M0 R33
10k R36
Board1 TSM 2.--
S1 DSw.4+3(Lorlin)
470k R65
12,6VDC
1k5 R37

+300V
100k R35 1W
47n/400V C28
470p C31
500k lin Treble Board1 TSM 2.--
Board1 TSM 2.--
R41 33k
470k R39
22n C29
330k R40
C30 22n
50k log Mix Board1 TSM 2.--
3,3n C53
4k7 R70

TL 084
IC3

Footswitch
2
LED UP On/By P.
Gain Board1 TSM 2.-- 50k log
GND
1k0 R10
47k R11
1,5n C7

IC2 +12V
TL 071
100p C11
47n C12
470k R25
47k R26
4M7 R17
-12V
R12 47k
22p C8
C9 100n
4k7 R14
4k7 R13 470n C10
33k R31 220n C23
3k9 R30 3,3n C25
22k R32 220n C24
4M7 R19
4M7 R20
4M7 R18
S1 DSw.4+3(Lorlin)

470k R43
1M0 R44
IC3 TL 084
TSM 2.-- Board1 Master 50k log
-15V
+15V
220n C39
12k R52
10k R55
100k R54
10n C40
1n C41
12k R56
100k R45
10u/35V C35
1k5 R47
Board1 TSM 2.-- Bass 10k lin
1k5 R46
270n C34
220 R48
C36 2,2u/35V
10k R53
4,7n C42
2,2n C43
1W 150 R57
SCL1310
To Mixer
J5

12,6VDC
1000u/16V - 470u/50V
C52
SP PO8
SP PO7
2k2 R66
D18 1N4007
1,5 1W R69
1,5 1W R68
TR1 EI 15/250 2VA
12V
250V
1N4007 D10
56k 1W R58
+300V
1N4007 D13
470k R67
15u/450V C44
15u/450V C45
1N4007 D14
D15 1N4007
+15V
+12V -12V -15V
1N4007 D11
J1
AC Inlet Jack AC Power Supply
C46 1000u/25V
1000u/25V C47
1N4007 D12
150 1W R61
150 1W R62
150 1W R59
220u/25V C48
220u/25V C49
C50 220u/25V
220u/25V C51
150 1W R60
ZPD12 D16
ZPD12 D17

SCL1310
J3
To Power AMP
Footswitch
SP PO5
SP PO4
1
By Pass
SP PO6
100k R63
68n C37
4M7 R51
SCL1310
J4
To Guitar AMP

Hughes & Kettner		Date 31.8.92
Title: Tube Man		
Page	Checked BY	Date