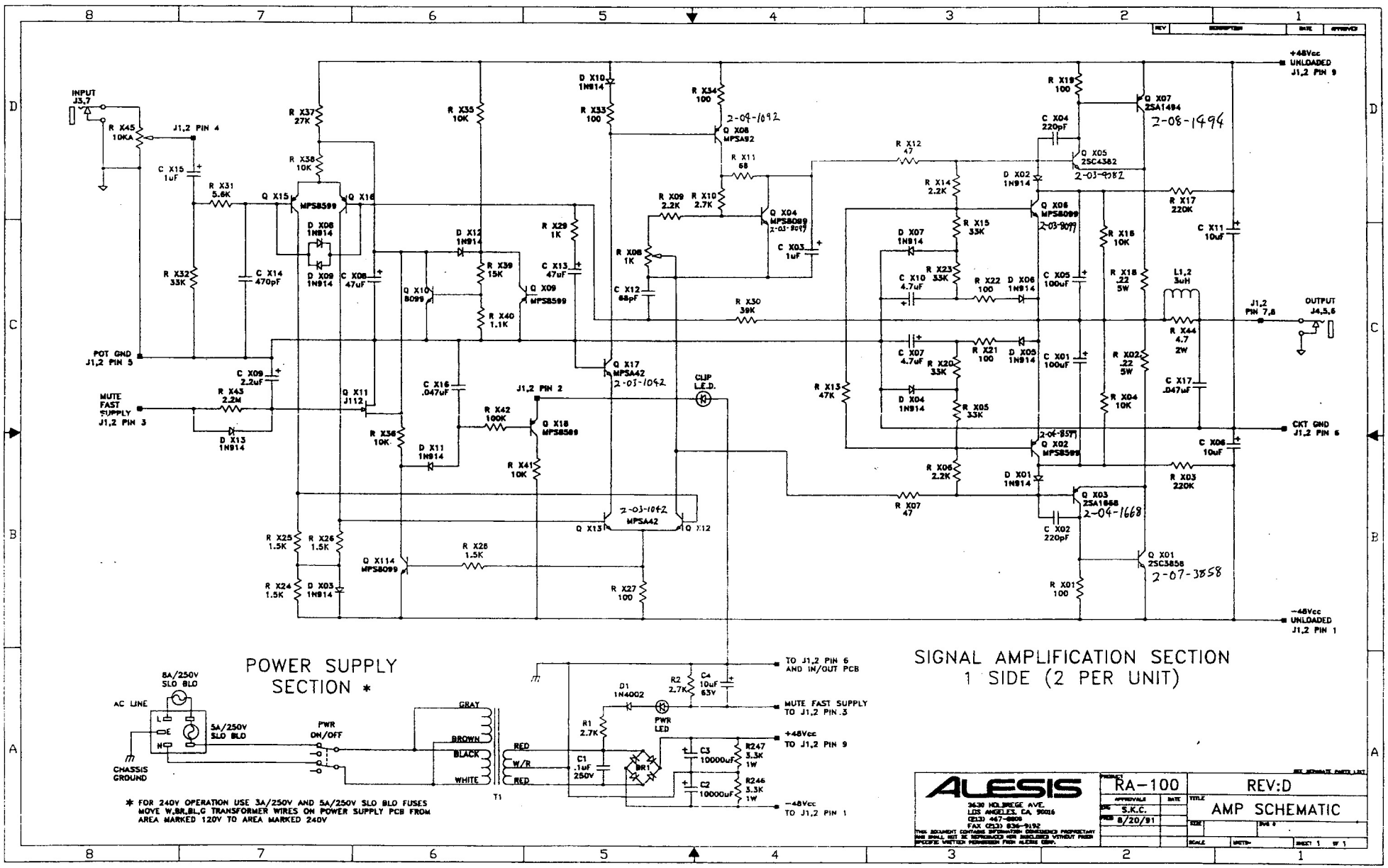

INPUT J3,7
R X45 10KA
J1,2 PIN 4
C X15 1uF
R X31 5.6K
R X32 33K
C X14 470pF
POT GND J1,2 PIN 5
C X09 2.2uF
MUTE FAST SUPPLY J1,2 PIN 3
R X43 2.2M
D X13 1N914
R X37 27K
R X38 10K
Q X15
MPS8599
Q X16
D X08 1N914
D X09 1N914
C X08 47uF
Q X11 J112
R X36 10K
R X35 10K
D X12 1N914
R X39 15K
R X40 1.1K
Q X10 8099
Q X09 MPS8599
C X16 .047uF
D X11 1N914
R X42 100K
J1,2 PIN 2
Q X18 MPS8599
R X41 10K
R X29 1K
C X13 47uF
D X10 1N914
R X33 100
R X34 100
2-04-1092
Q X08 MPSA92
R X11 68
R X09 2.2K
R X10 2.7K
Q X04 MPS8099
2-03-8099
C X03 1uF
R X08 1K
C X12 68pF
R X30 39K
Q X17 MPSA42
2-03-1042
CLIP L.E.D.
R X25 1.5K
R X26 1.5K
R X24 1.5K
D X03 1N914
Q X114 MPS8099
R X28 1.5K
Q X13
2-03-1042
MPSA42
Q X12
R X27 100
R X12 47
R X14 2.2K
R X15 33K
D X07 1N914
R X23 33K
C X10 4.7uF
R X22 100
D X06 1N914
C X07 4.7uF
R X20 33K
R X21 100
D X05 1N914
D X04 1N914
R X05 33K
R X13 47K
R X06 2.2K
R X07 47
R X19 100
Q X07 2SA1494
2-08-1494
C X04 220pF
Q X05 2SC4382
2-03-9082
D X02 1N914
Q X06 MPS8099
2-03-8099
C X05 100uF
C X01 100uF
2-04-8599
Q X02 MPS8599
D X01 1N914
Q X03 2SA1668
2-04-1668
C X02 220pF
Q X01 2SC3858
2-07-3858
R X01 100
R X17 220K
R X16 10K
R X18 .22 5W
R X02 .22 5W
R X04 10K
L1,2 3uH
R X44 4.7 2W
C X11 10uF
C X17 .047uF
C X06 10uF
R X03 220K
J1,2 PIN 7,8
OUTPUT J4,5,6
CKT GND J1,2 PIN 6
+48Vcc UNLOADED J1,2 PIN 9
-48Vcc UNLOADED J1,2 PIN 1
POWER SUPPLY SECTION *
8A/250V SLO BLO
AC LINE
5A/250V SLO BLO
CHASSIS GROUND
PWR ON/OFF
GRAY
BROWN
BLACK
WHITE
RED
W/R
RED
T1
D1 1N4002
R2 2.7K
C4 10uF 63V
PWR LED
R1 2.7K
C1 .1uF 250V
BR1
C3 10000uF
C2 10000uF
R247 3.3K 1W
R246 3.3K 1W
TO J1,2 PIN 6 AND IN/OUT PCB
MUTE FAST SUPPLY TO J1,2 PIN 3
+48Vcc TO J1,2 PIN 9
-48Vcc TO J1,2 PIN 1
SIGNAL AMPLIFICATION SECTION 1 SIDE (2 PER UNIT)
* FOR 240V OPERATION USE 3A/250V AND 5A/250V SLO BLO FUSES MOVE W,BR,BL,G TRANSFORMER WIRES ON POWER SUPPLY PCB FROM AREA MARKED 120V TO AREA MARKED 240V
ALESIS
3630 HOLBREGE AVE.
LOS ANGELES, CA. 90016
(213) 467-8000
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PRODUCT RA-100
REV:D
APPROVALS
DATE
DRN S.K.C.
CHK 8/20/91
TITLE AMP SCHEMATIC
SIZE
DWG #
SCALE
UNITS
SHEET 1 OF 1