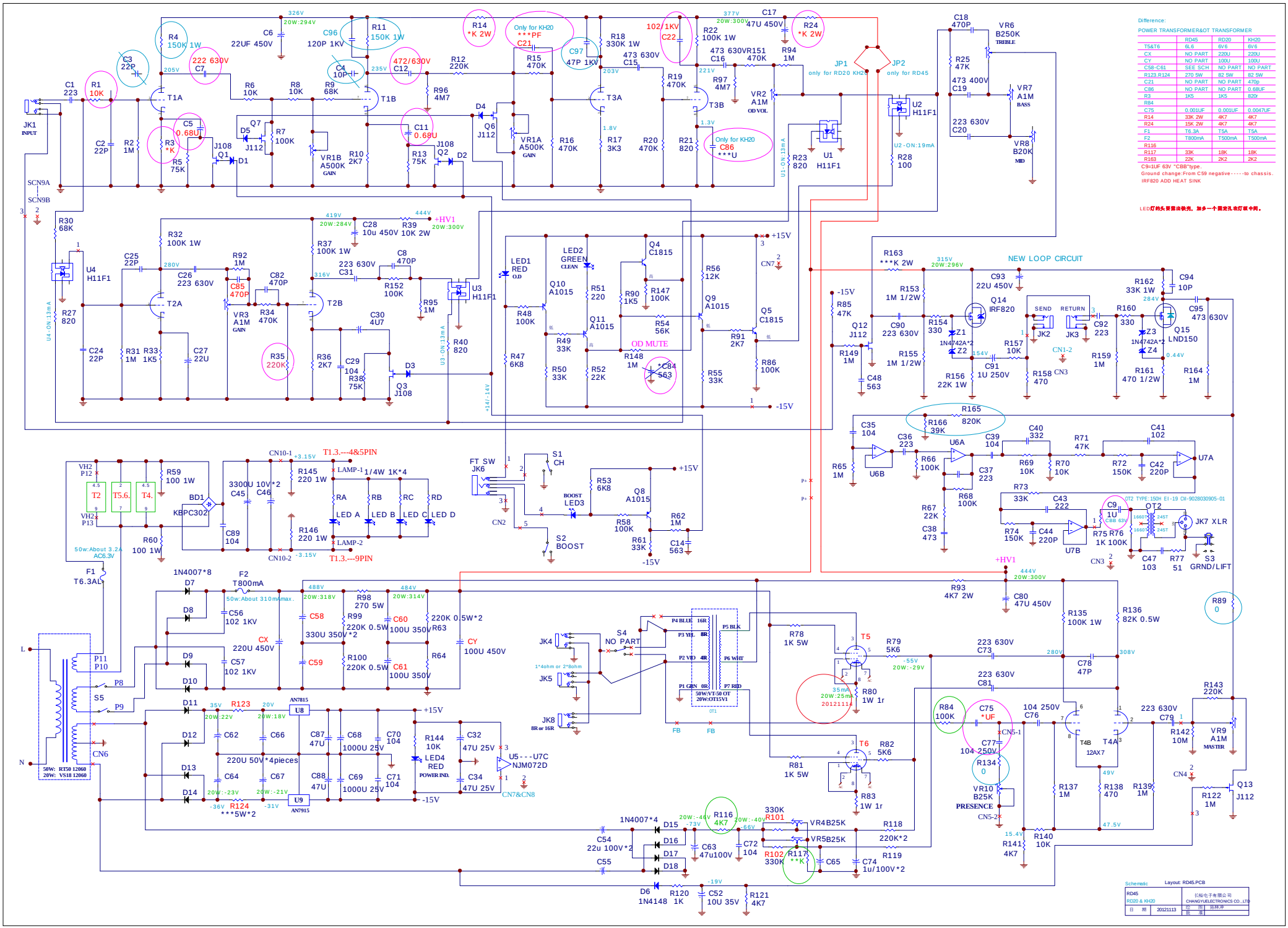
Difference:
POWER TRANSFORMER&OT TRANSFORMER
RD45 RD20 KH20
T5&T6 6L6 6V6 6V6
CX NO PART 220U 220U
CY NO PART 100U 100U
C58-C61 SEE SCH NO PART NO PART
R123,R124 270 5W 82 5W 82 5W
C21 NO PART NO PART 470p
C86 NO PART NO PART 0.68UF
R3 1K5 1K5 820r
R84
C75 0.001UF 0.001UF 0.0047UF
R14 33K 2W 4K7 4K7
R24 15K 2W 4K7 4K7
F1 T6.3A T5A T5A
F2 T800mA T500mA T500mA
R116
R117 33K 18K 18K
R163 22K 2K2 2K2
C9=1UF 63V "CBB"type.
Ground change:From C59 negative-----to chassis.
IRF820 ADD HEAT SINK
LED灯的头要露出铁壳，加多一个固定孔在灯旋中间。
NEW LOOP CIRCUIT
JK1 INPUT
SCN9A
SCN9B
T1A
T1B
T2A
T2B
T3A
T3B
VR1A A500K GAIN
VR1B A500K GAIN
VR2 A1M OD VOL
VR3 A1M GAIN
VR4 B25K
VR5 B25K
VR6 B250K TREBLE
VR7 A1M BASS
VR8 B20K MID
VR9 A1M MASTER
VR10 B25K PRESENCE
JP1 only for RD20 KH20
JP2 only for RD45
U1 H11F1
U2 H11F1
U3 H11F1
U4 H11F1
U1-ON:13mA
U2-ON:19mA
U3-ON:13mA
U4-ON:13mA
Only for KH20 ***PF
Only for KH20 C86 ***U
OD MUTE
BOOST
FT SW JK6
S1 CH
S2 BOOST
S3 GRND/LIFT
JK7 XLR
CN1-2
CN2
CN3
CN4
CN5-1
CN5-2
CN6
CN7&CN8
CN10-1
CN10-2
T1.3.---4&5PIN
T1.3.---9PIN
T2
T4.
T5.6.
T5
T6
T4A 12AX7
T4B 12AX7
OT2 TYPE:150H EI-19 CW-9028030905-01
BD1 KBPC302
U5---U7C NJM072D
U6A
U6B
U7A
U7B
U8 AN7815
U9 AN7915
LED A
LED B
LED C
LED D
LED1 RED O.D
LED2 GREEN CLEAN
LED3 BOOST
LED4 RED POWER IND.
LAMP-1
LAMP-2
SEND
RETURN
JK2
JK3
S4 NO PART
JK4
JK5
JK8 8R or 16R
P1 GRN 8R
P2 VIO 4R
P3 YEL 8R
P4 BLUE 16R
P5 BLK
P6 WHT
P7 RED
50W:VT-50 OT 20W:OT15V1
Schemaic
Layout: RD45.PCB
RD45
RD20 & KH20
CHANGYUELECTRONICS CO.,LTD
日 期 20121113
设 计 张林冲
审 核