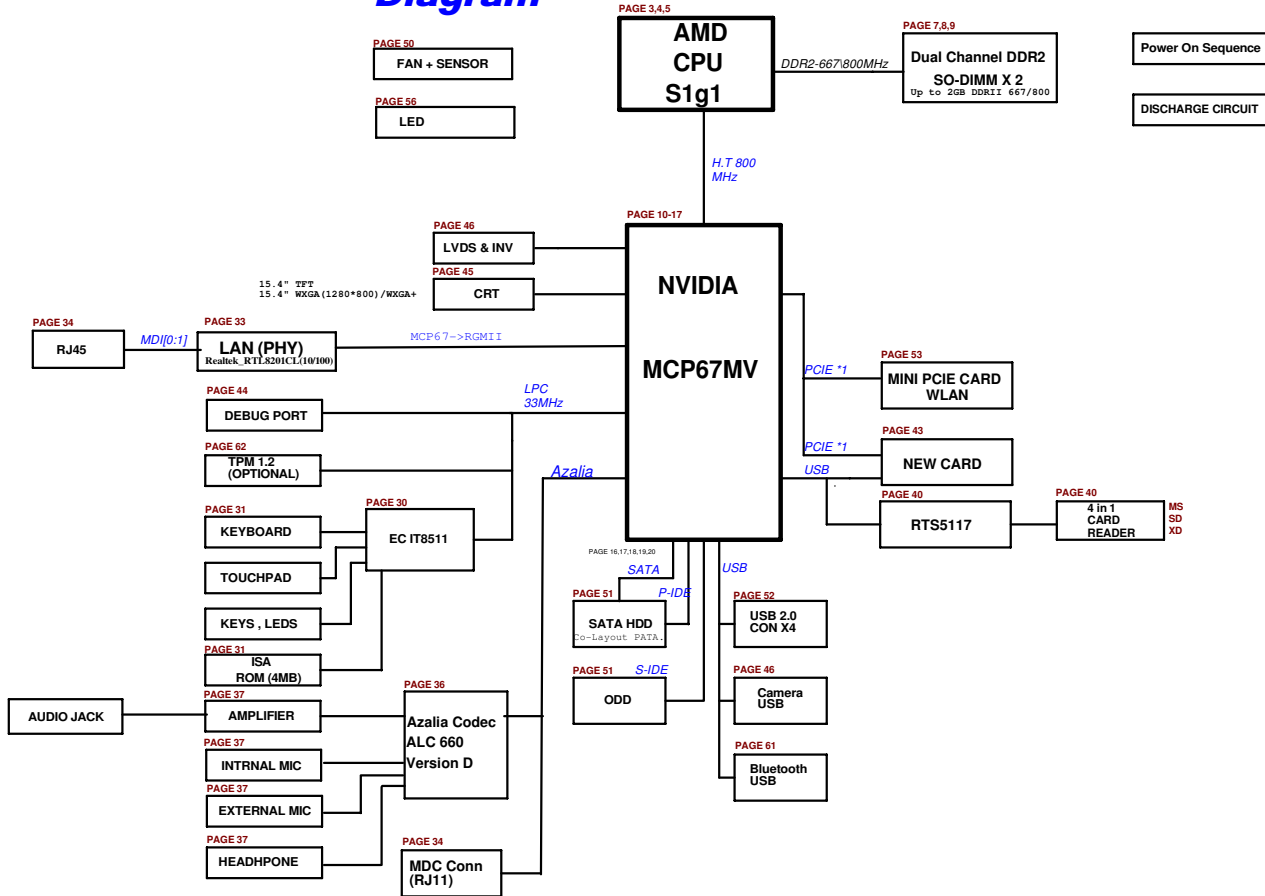
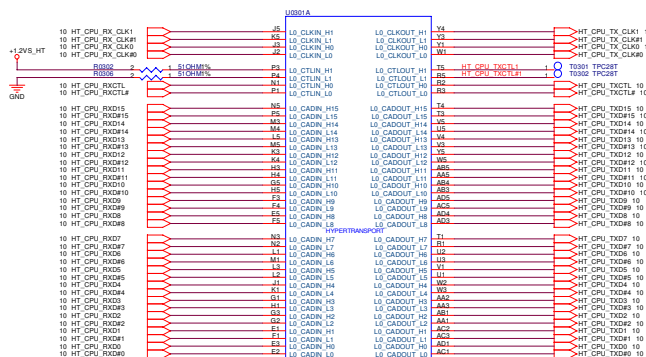
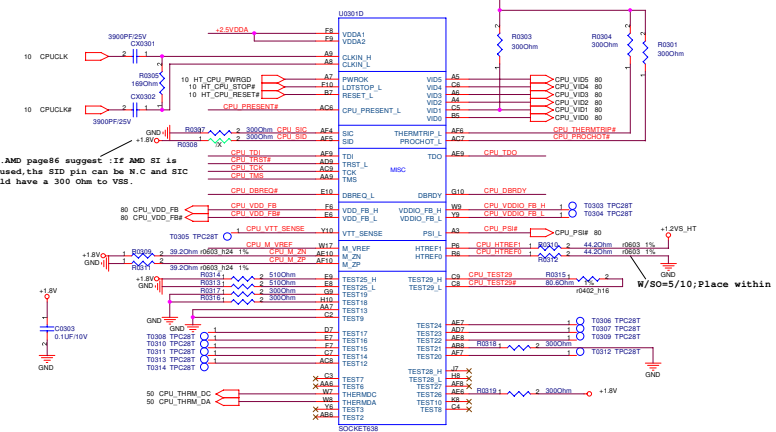


F5N Block Diagram

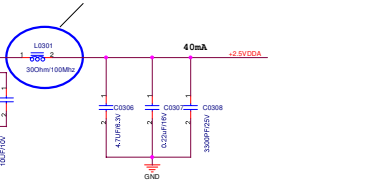




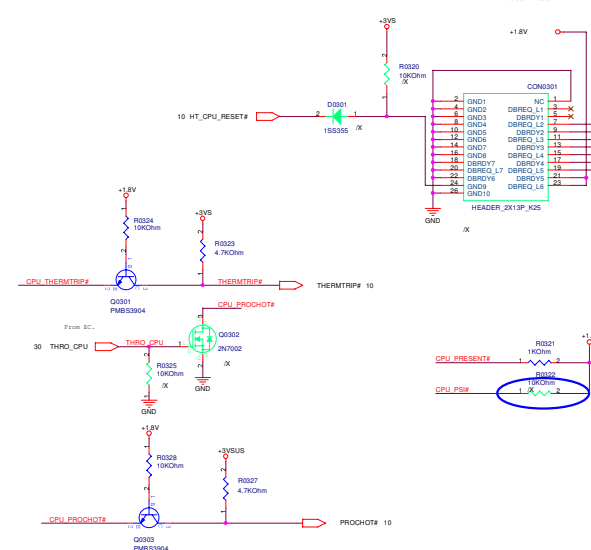
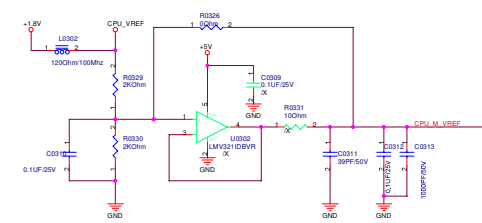
Note: AMD page86 suggest: If AMD SI is not used, the SID pin can be N/C and SIC should have a 300 Ohm to VSS.



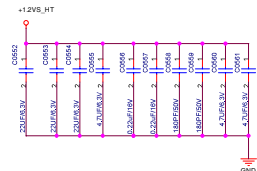
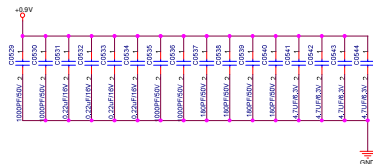
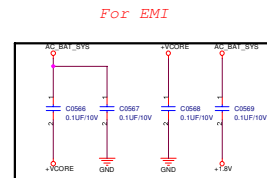
mont and designguide(DC Resistance => 40 mOhm, max >=200 mOhm, impedance is approximately 15 Ohm)

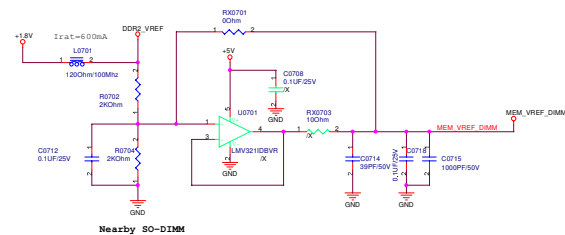
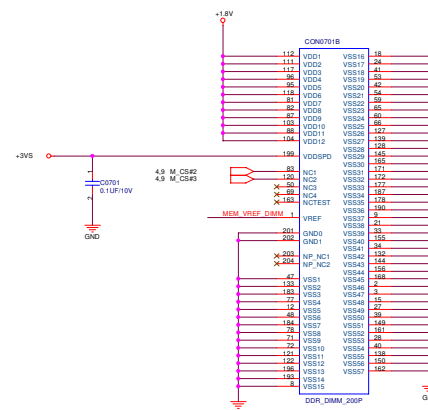


15mils trace, 20mil space /Shorter than 5"



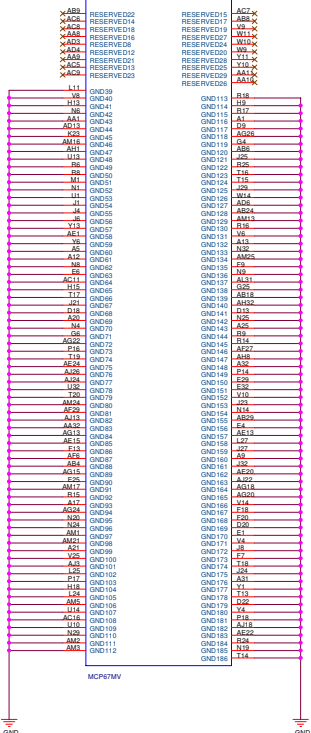








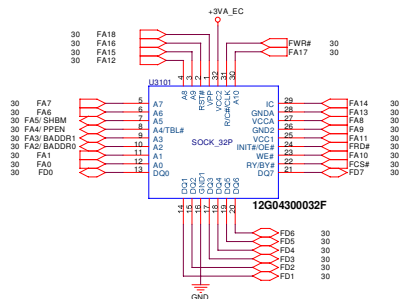
U1001H



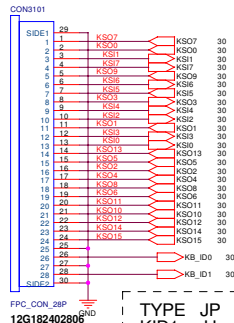
ISA ROM (4Mbits)

SST-PLCC32 4Mbits Flash ROM
PIN:05G001014110
(FLASH SST39VF040-70-4C-NHE
4M-70 PLCC-32)

If need to use 8Mbits ISA
ROM, could choose
SST39LF000.
But it does not have PLCC32
package.
ASUS does not have part
number yet.



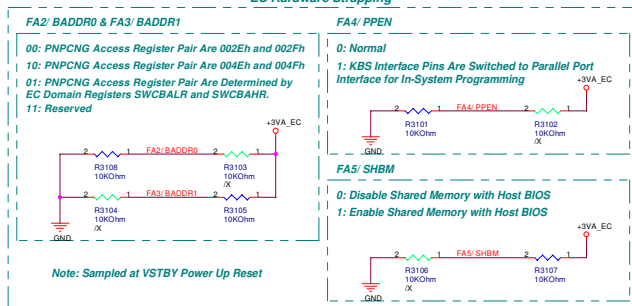
KBC connector



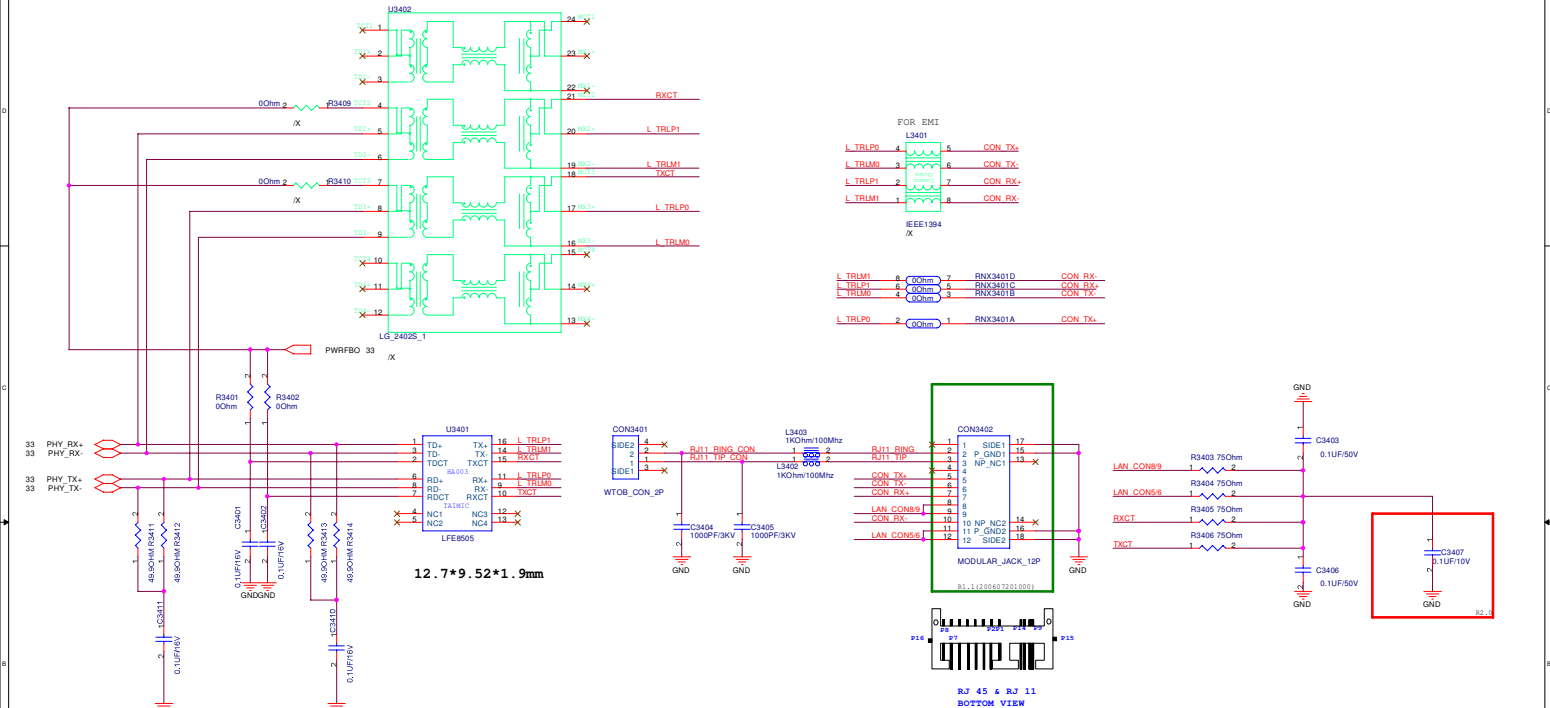
TYPE	JP	UK	US
KID1	H	H	L
KID2	L	H	L

ISA ROM

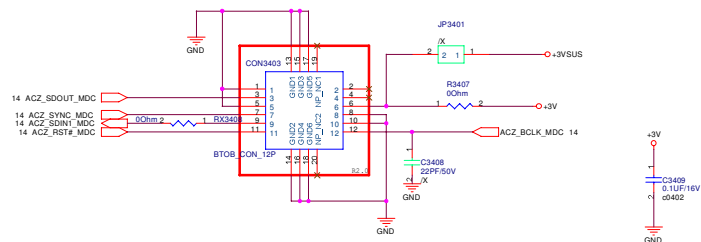
EC Hardware Strapping

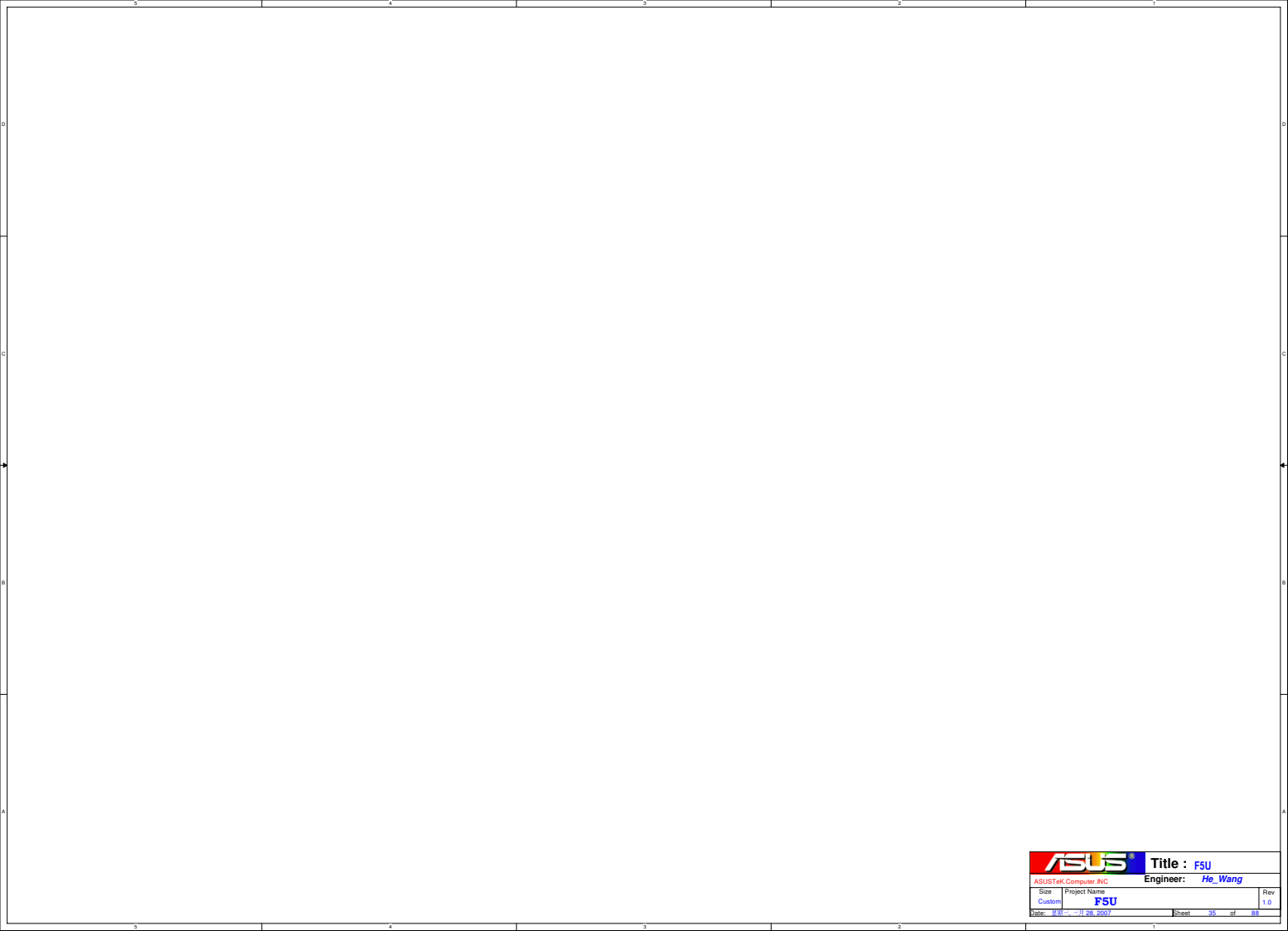


LAN PORT

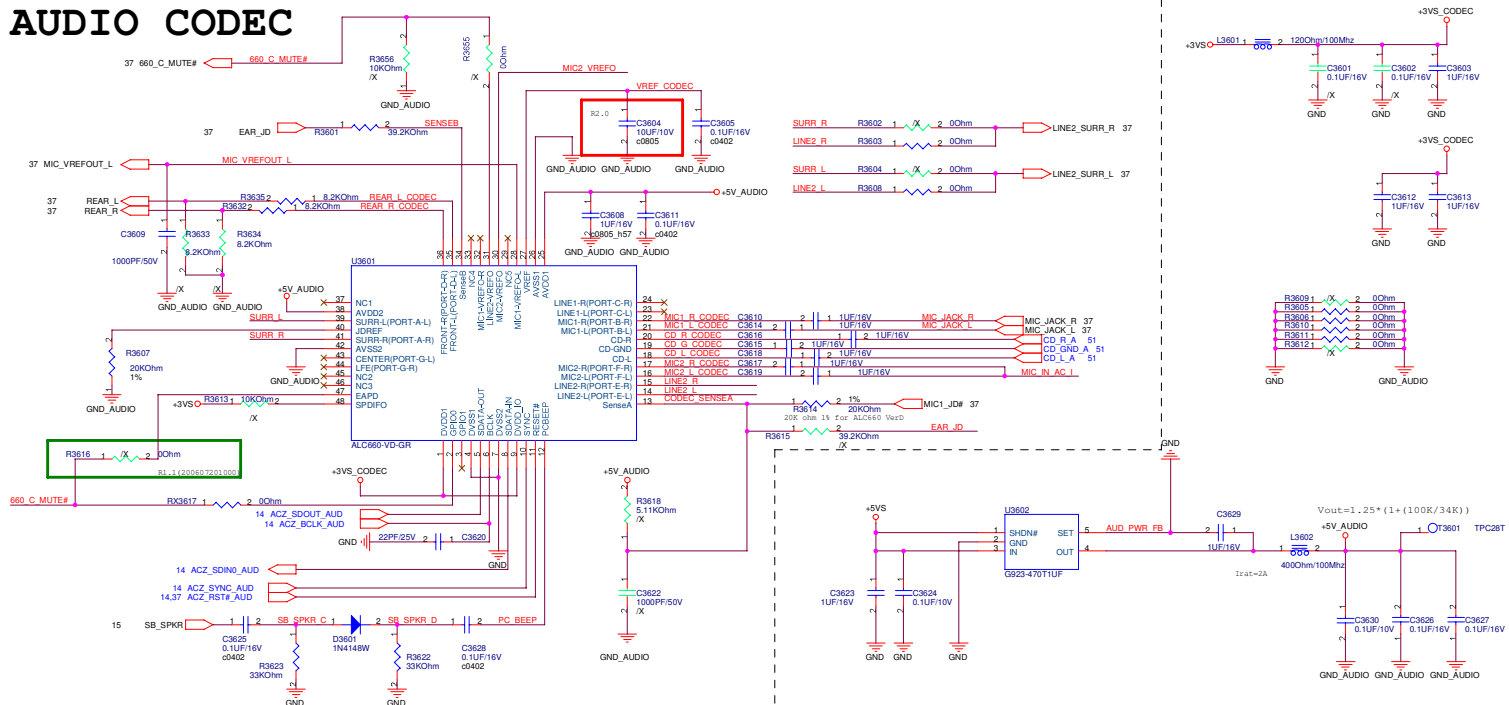


MDC CONN.

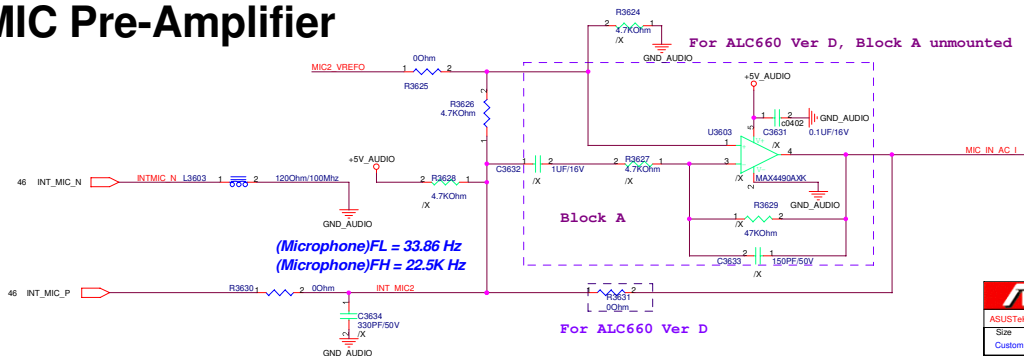




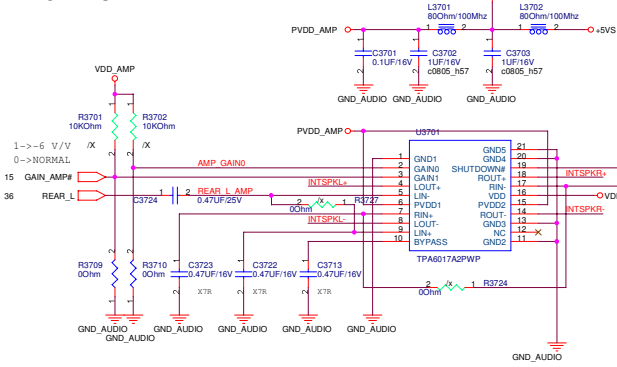
AUDIO CODEC



Internal MIC Pre-Amplifier

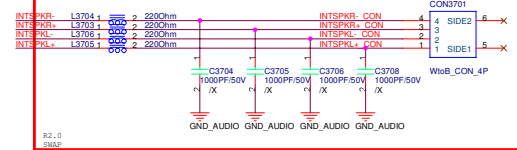


AUDIO AMPLIFIER

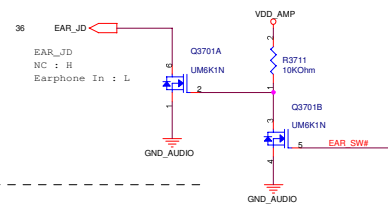


SPEAKER

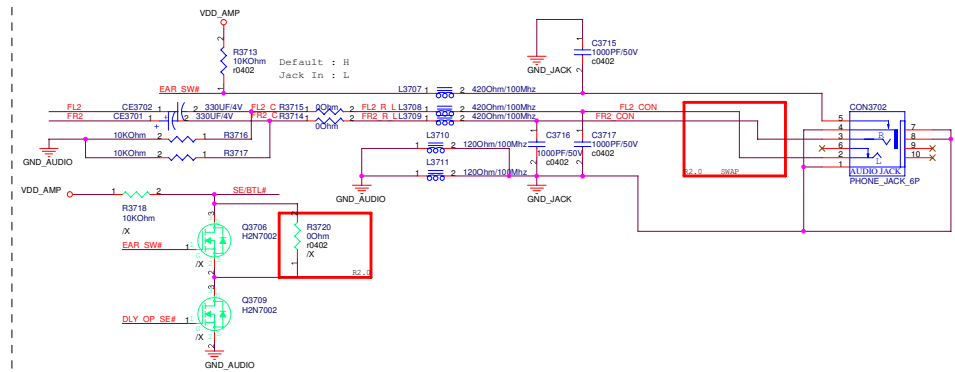
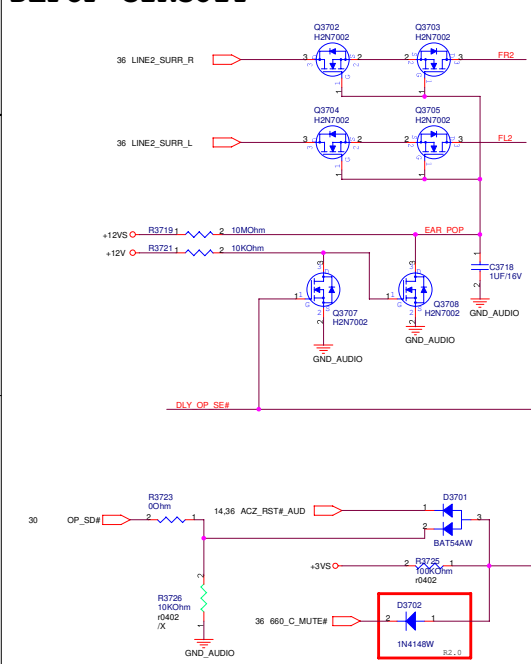
To Internal
Speaker
Connector



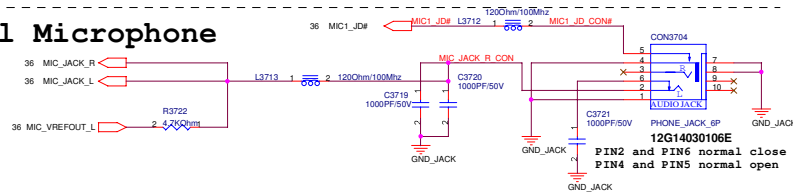
HeadPhone

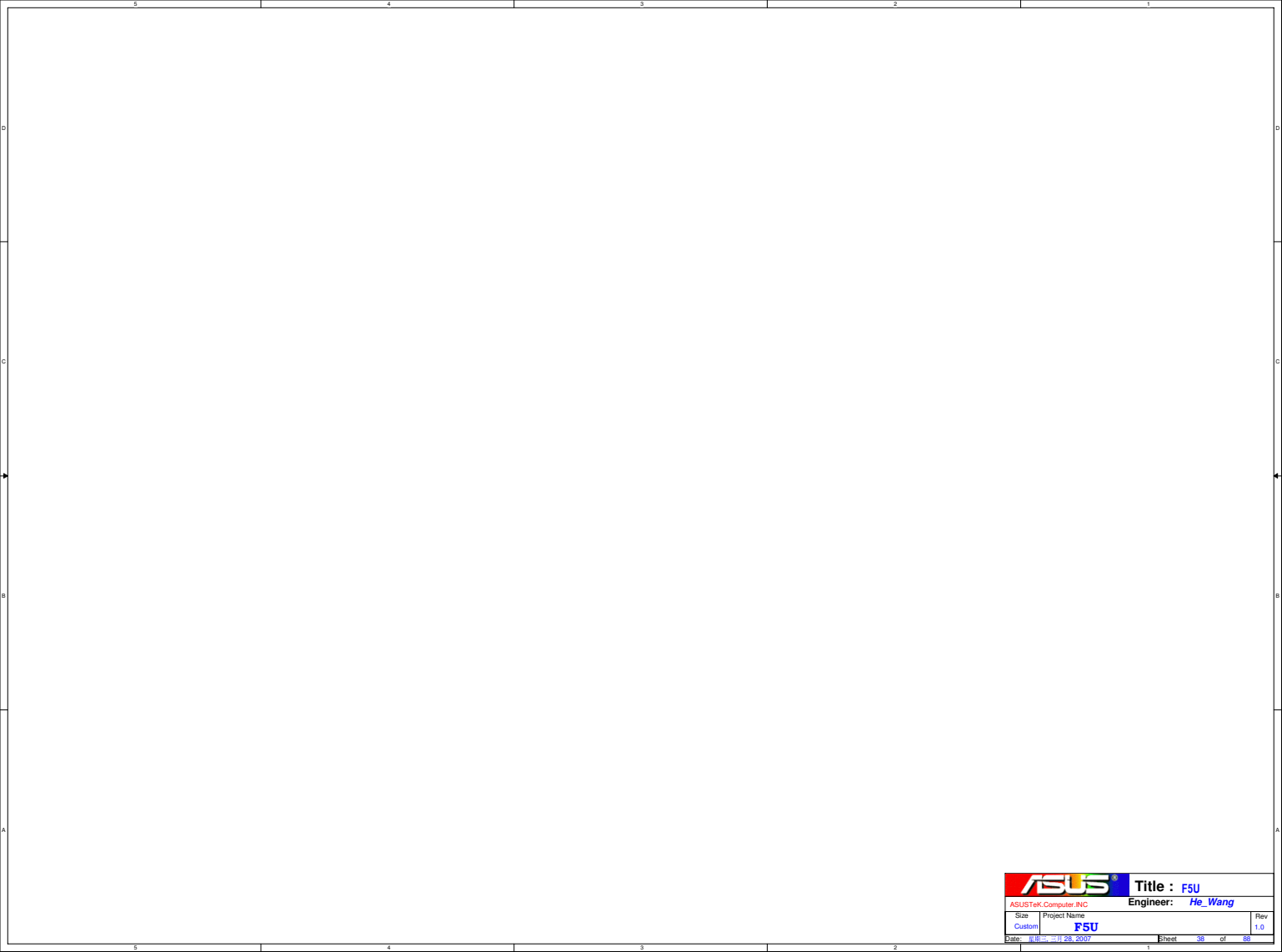


DEPOP CIRCUIT



External Microphone





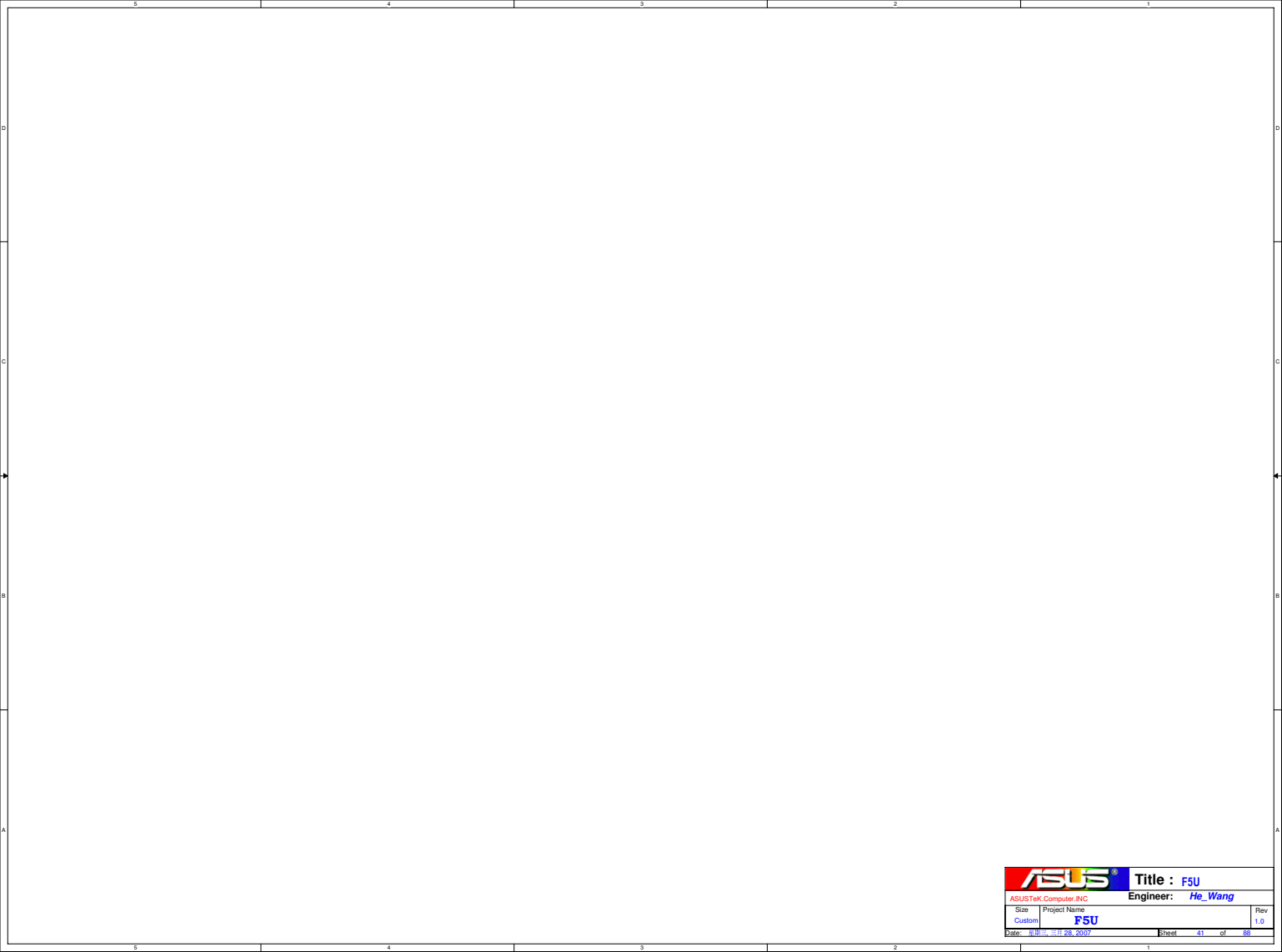


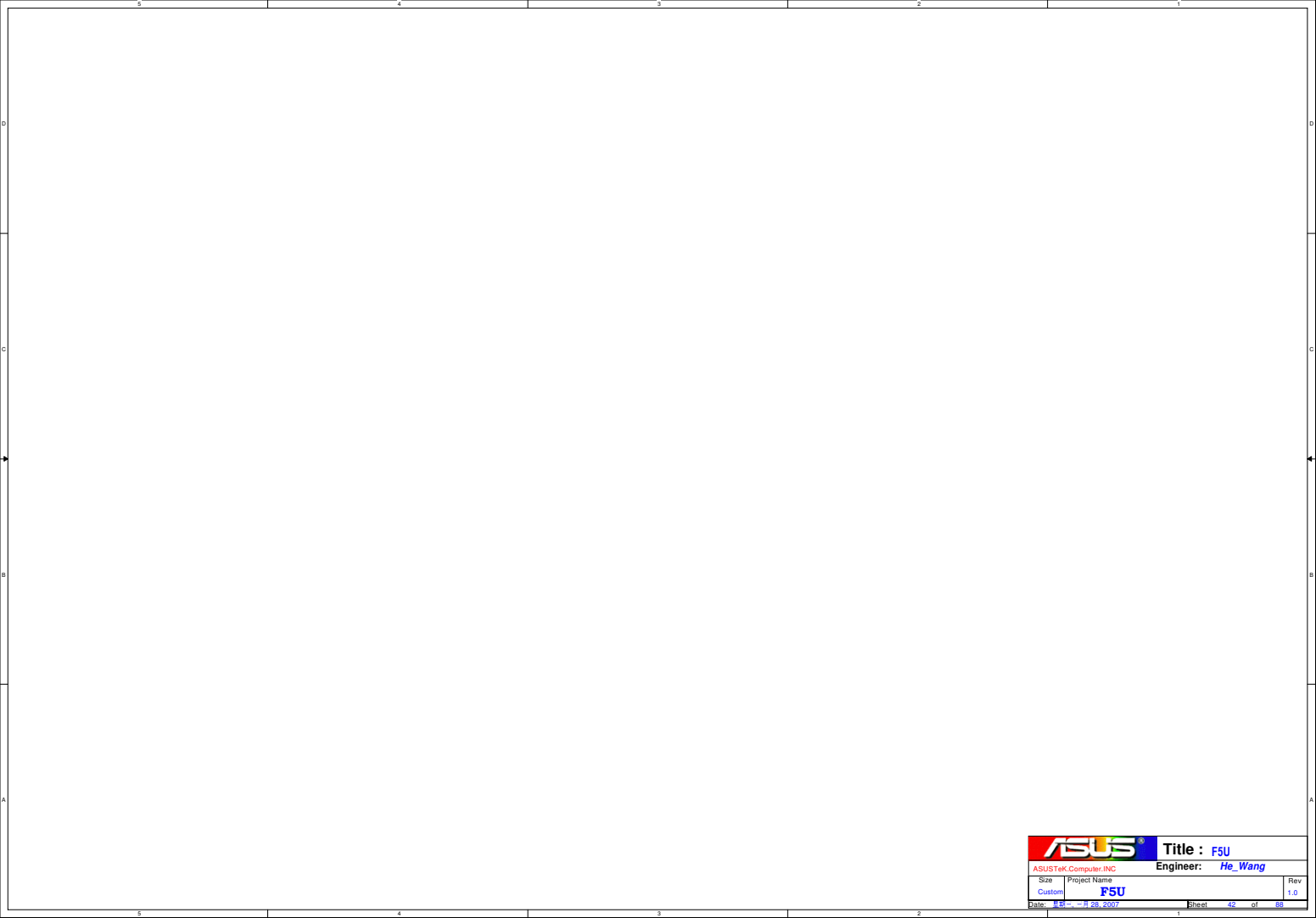
Title : F5U

ASUSTeK Computer INC

Engineer: He_Wang

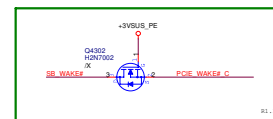
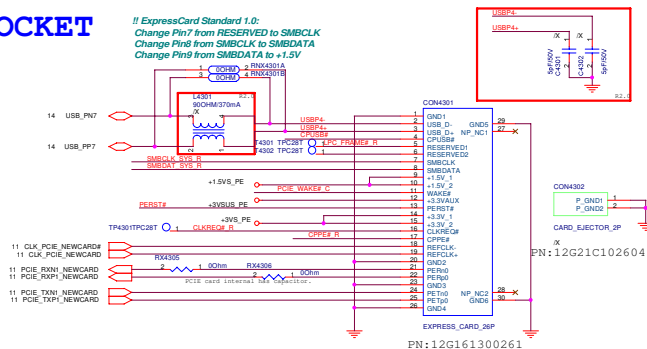
Size	Project Name	Rev
Custom	F5U	1.0
Date: 2007-11-28, 2007	Sheet 38 of 80	





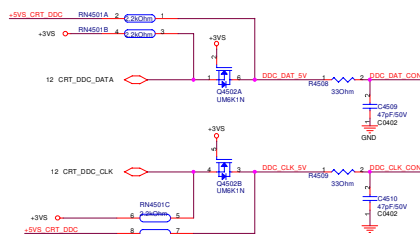
		Title : FSU	
ASUSTek Computer, INC		Engineer: He_Wang	
Size	Project Name		Rev
Custom	FSU		1.0
Date	12-28-2007	Sheet	48 of 50

!! ExpressCard Standard 1.0:
Change Pin7 from RESERVED to SMBCLK
Change Pin8 from SMBCLK to SMBDATA
Change Pin9 from SMBDATA to +1.5V

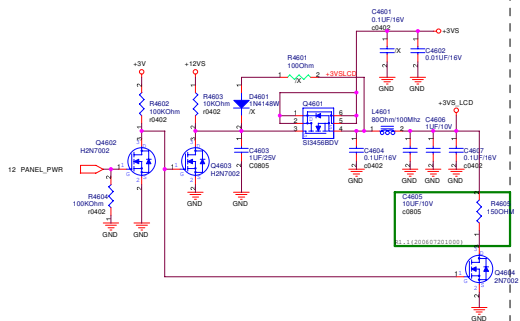


		Title : F5U	
ASUSTeK Computer, INC		Engineer: He_Wang	
Size C	Project Name F5U	Rev 1.0	
Date: 8/11/09, 2007	Sheet 44 of 88		

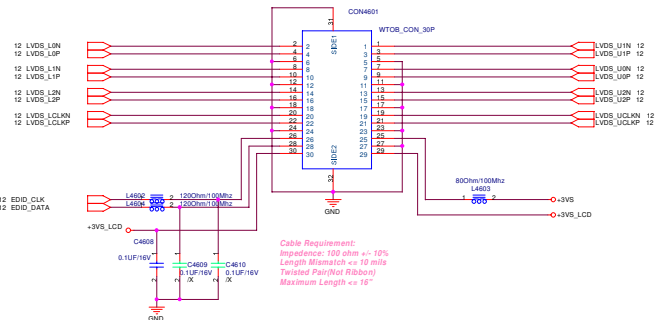
40. CPT BLUE



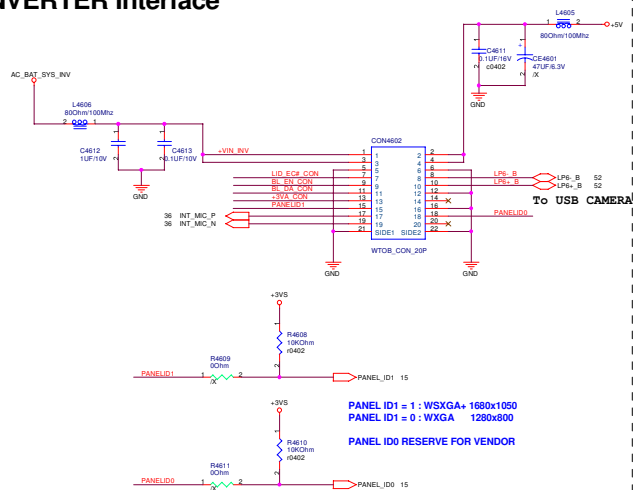
LCD Power



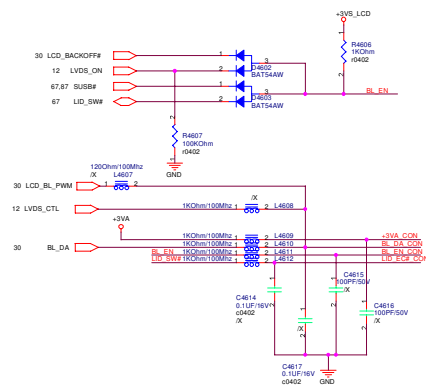
LCD LVDS Interface

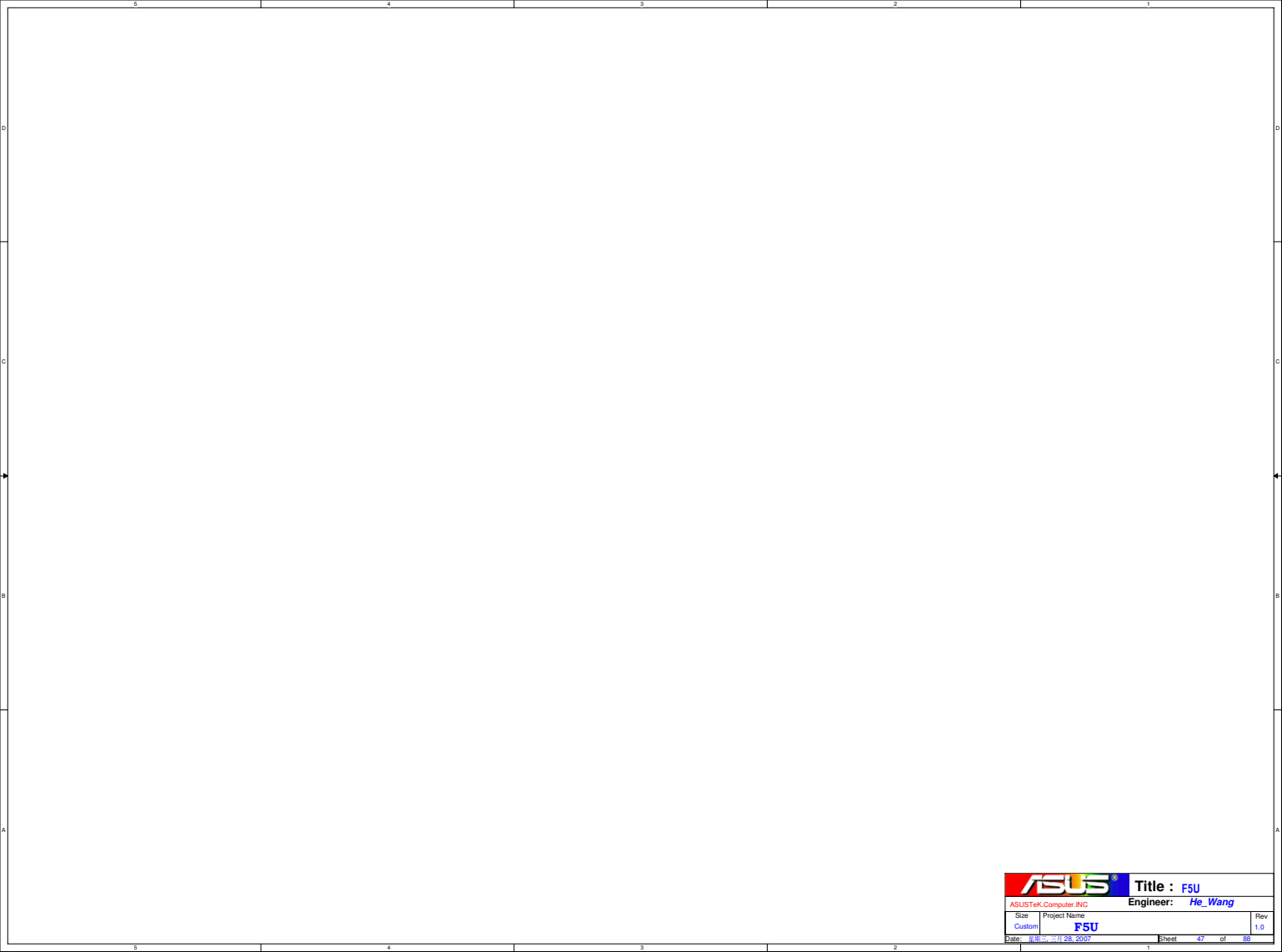


INVERTER Interface



Backlight Enable







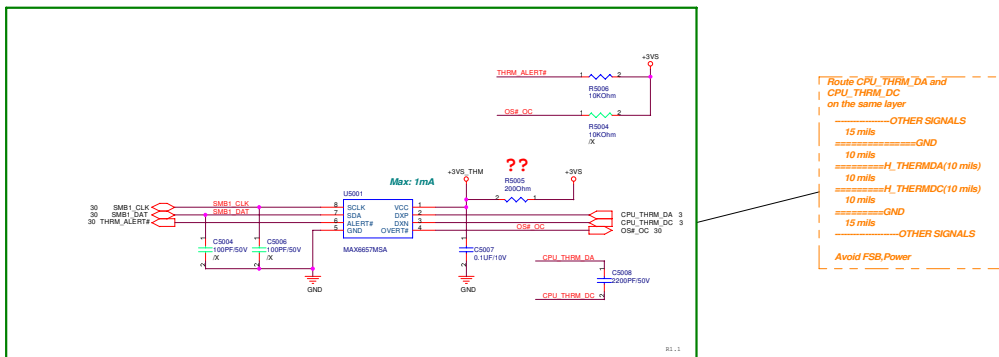
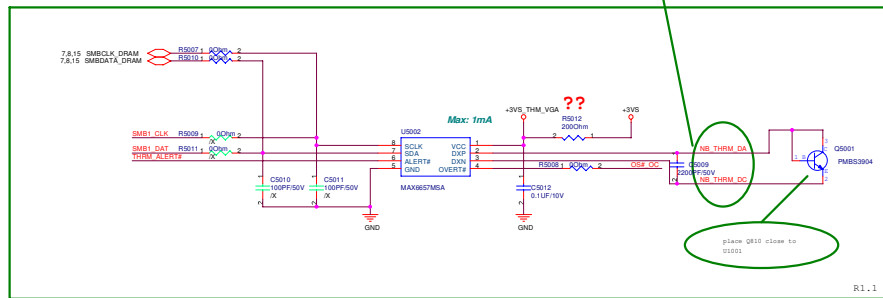
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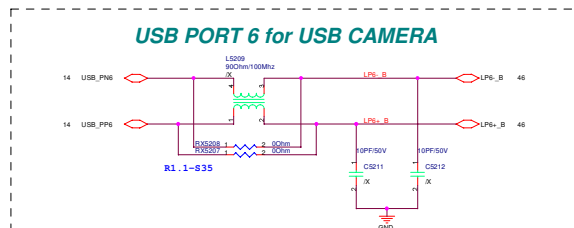
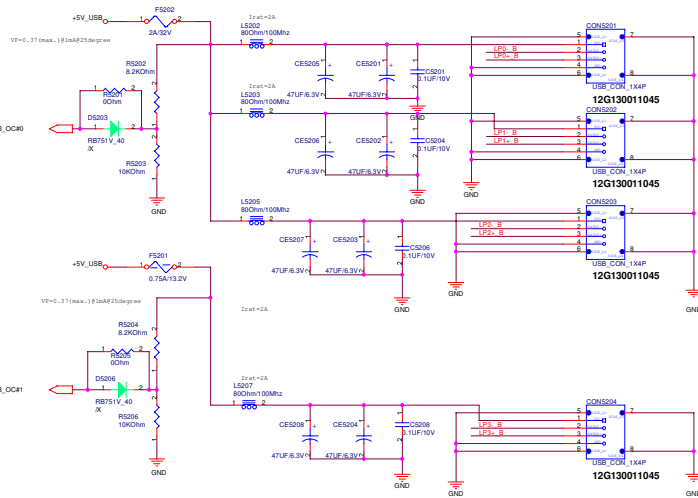
ASUSTeK Computer INC

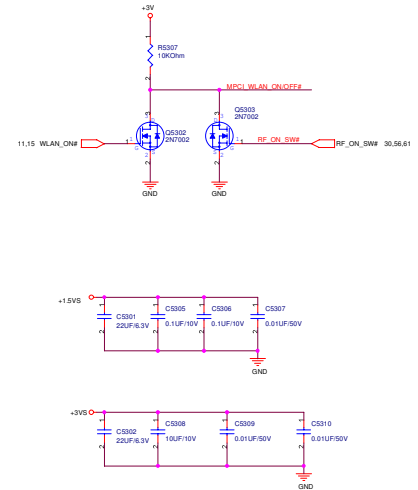
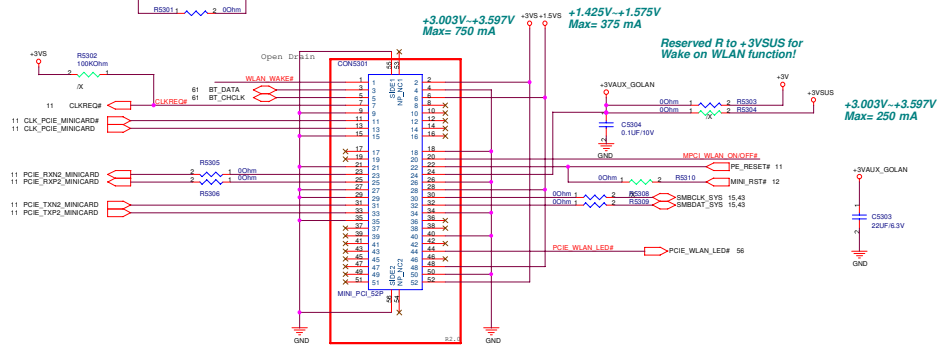
Engineer: He_Wang

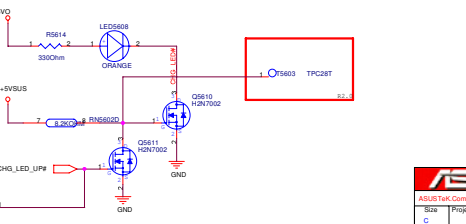
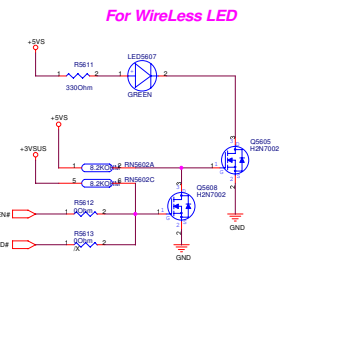
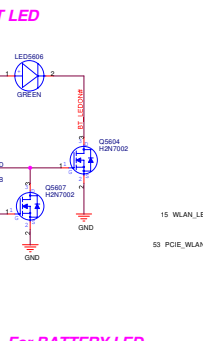
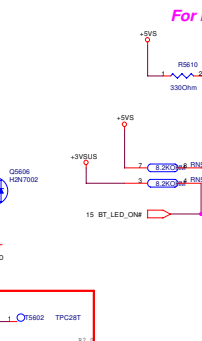
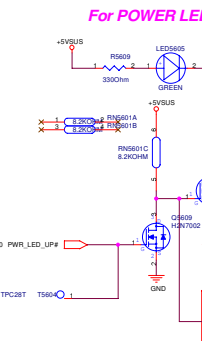
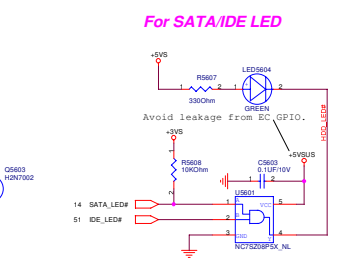
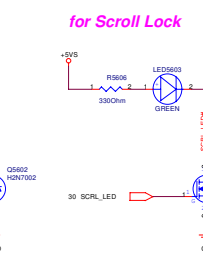
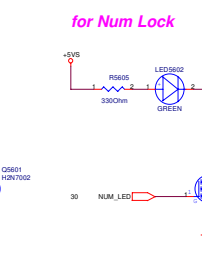
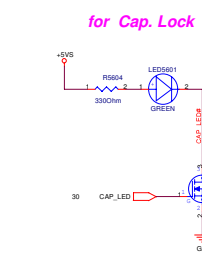
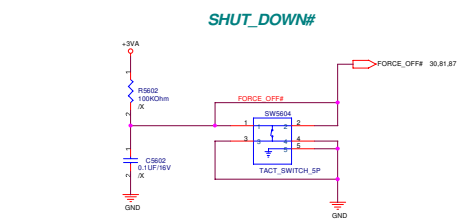
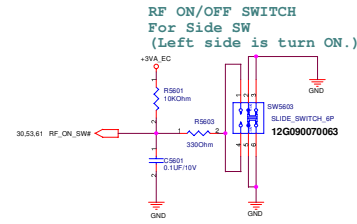
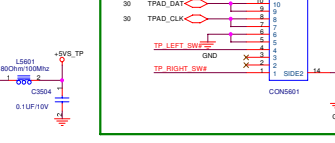
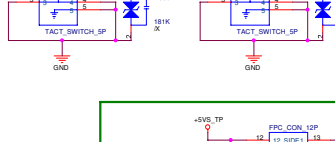
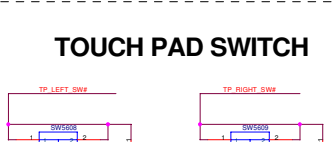
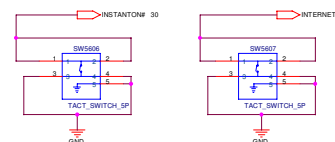
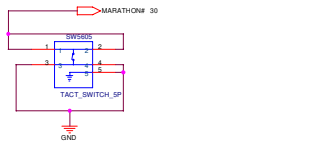
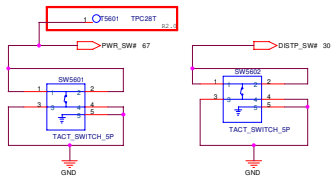
Size	Project Name	Rev
Custom	F5U	1.0
Date: 2007-11-28, 2007	Sheet 27 of 80	

Thermal Sensor



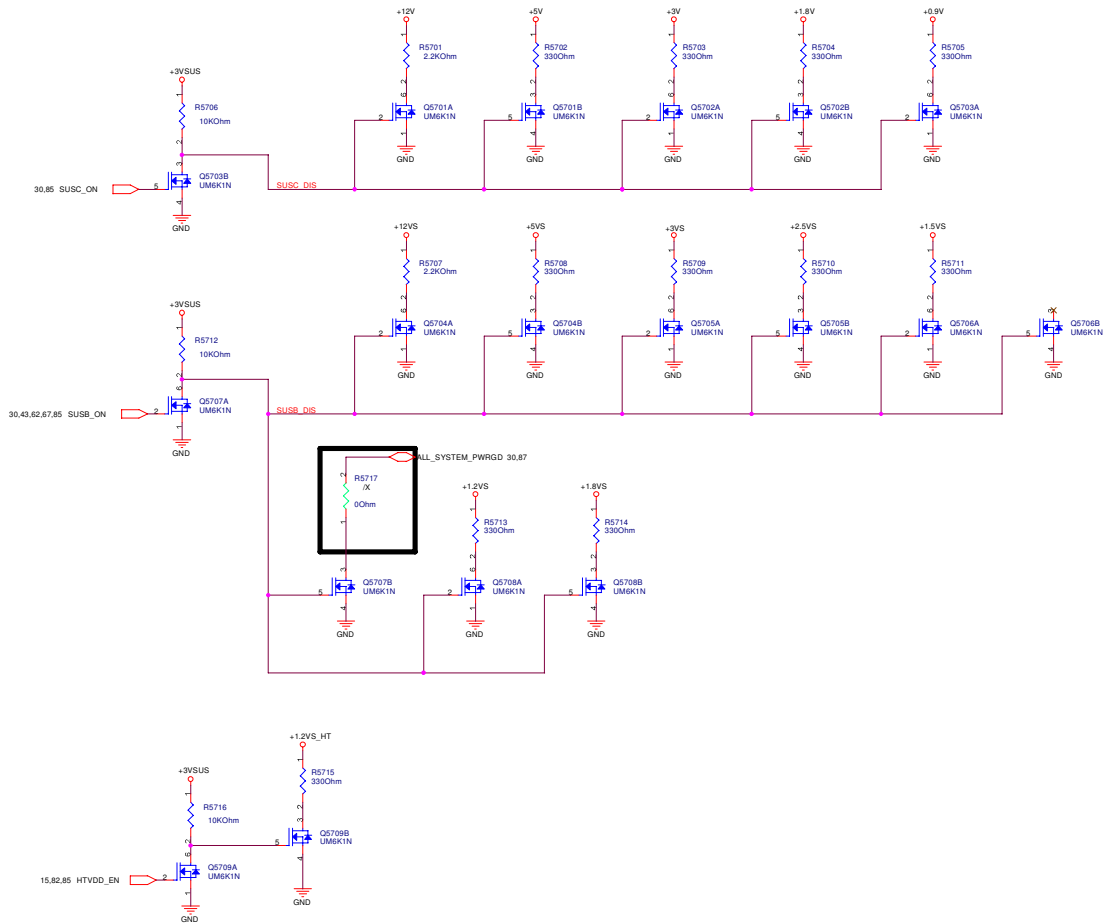




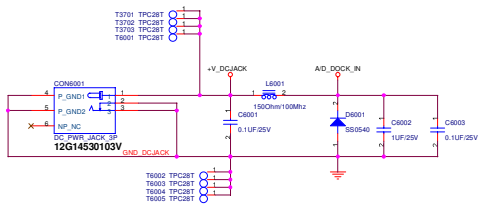


TOUCH PAD SWITCH

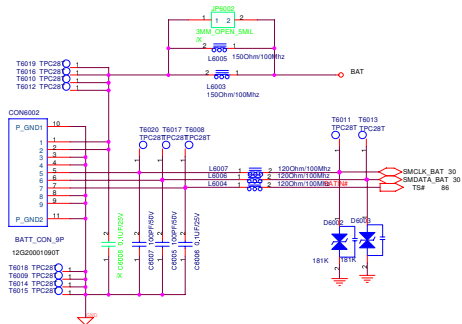
DISCHARGE CIRCUIT



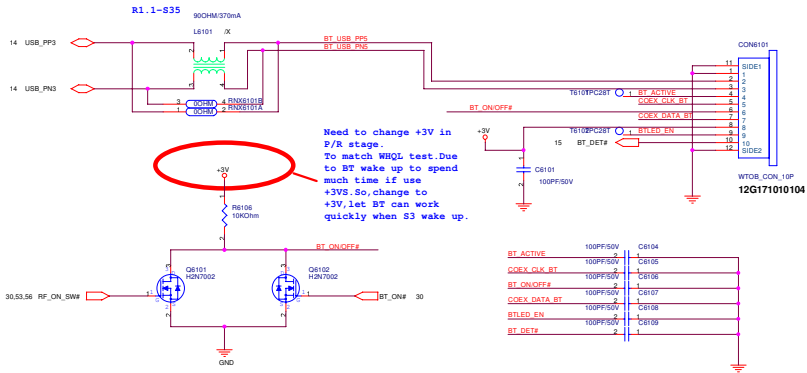
Adaptor IN Circuit



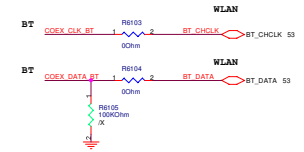
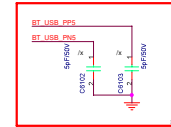
BATTERY IN CIRCUIT



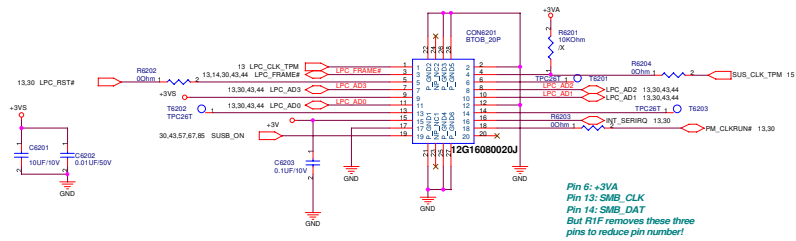
BLUETOOTH CONNECTOR



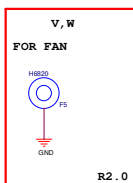
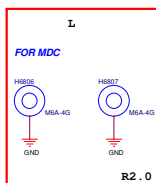
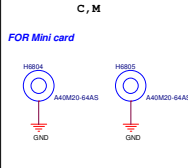
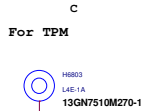
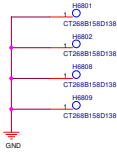
```
Signal direction-
CLK: BT -> WLAN;
DATA: WLAN -> BT
```



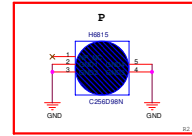
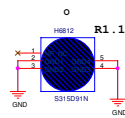
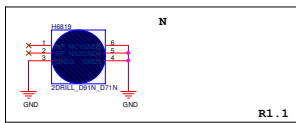
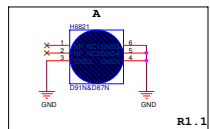
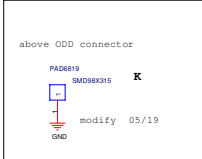
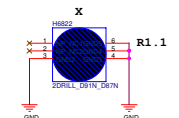
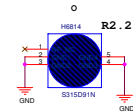
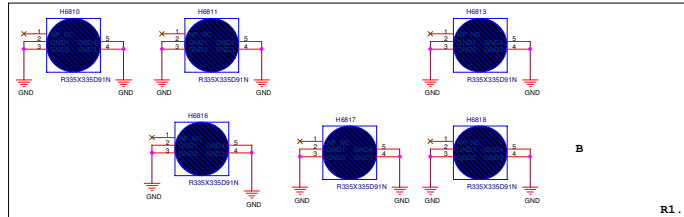
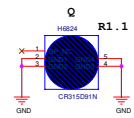
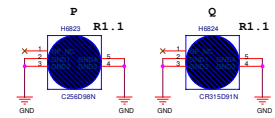
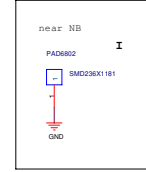
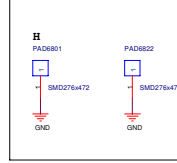
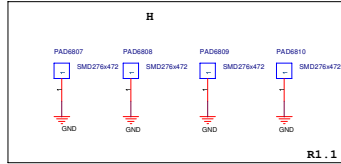
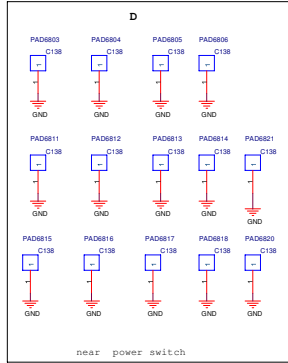
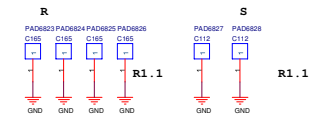
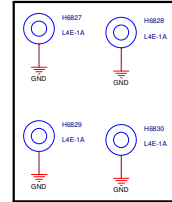
TPM CONN.



FOR CPU

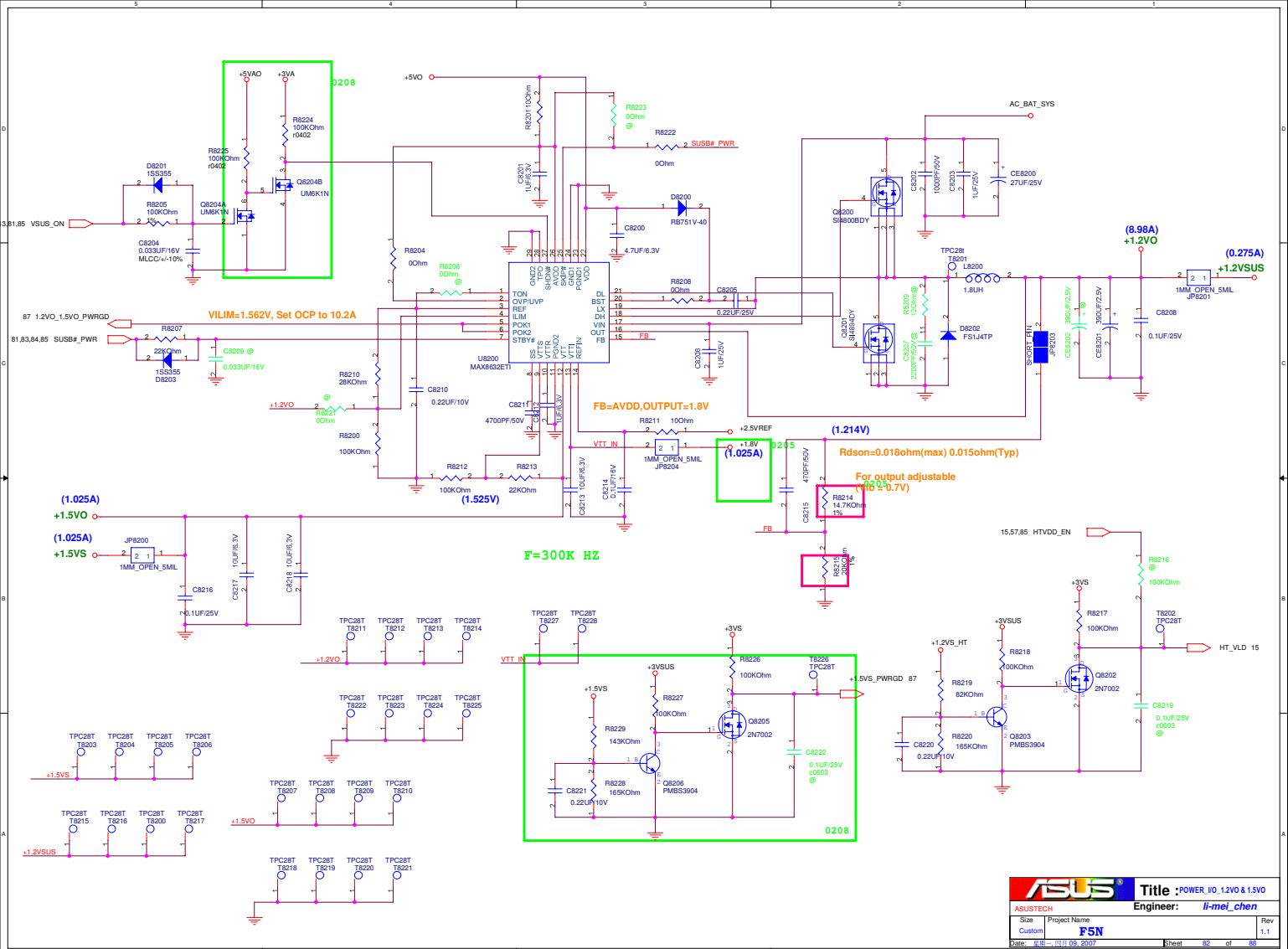


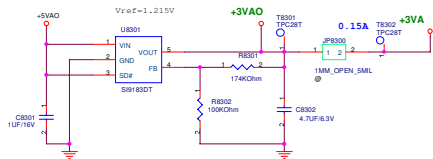
FOR Thermal
R2.0





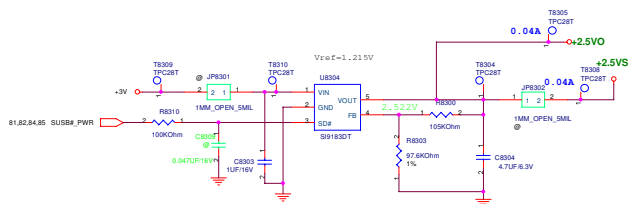




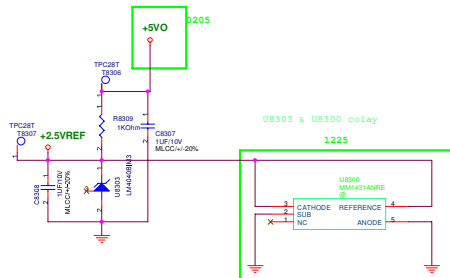


+3VA

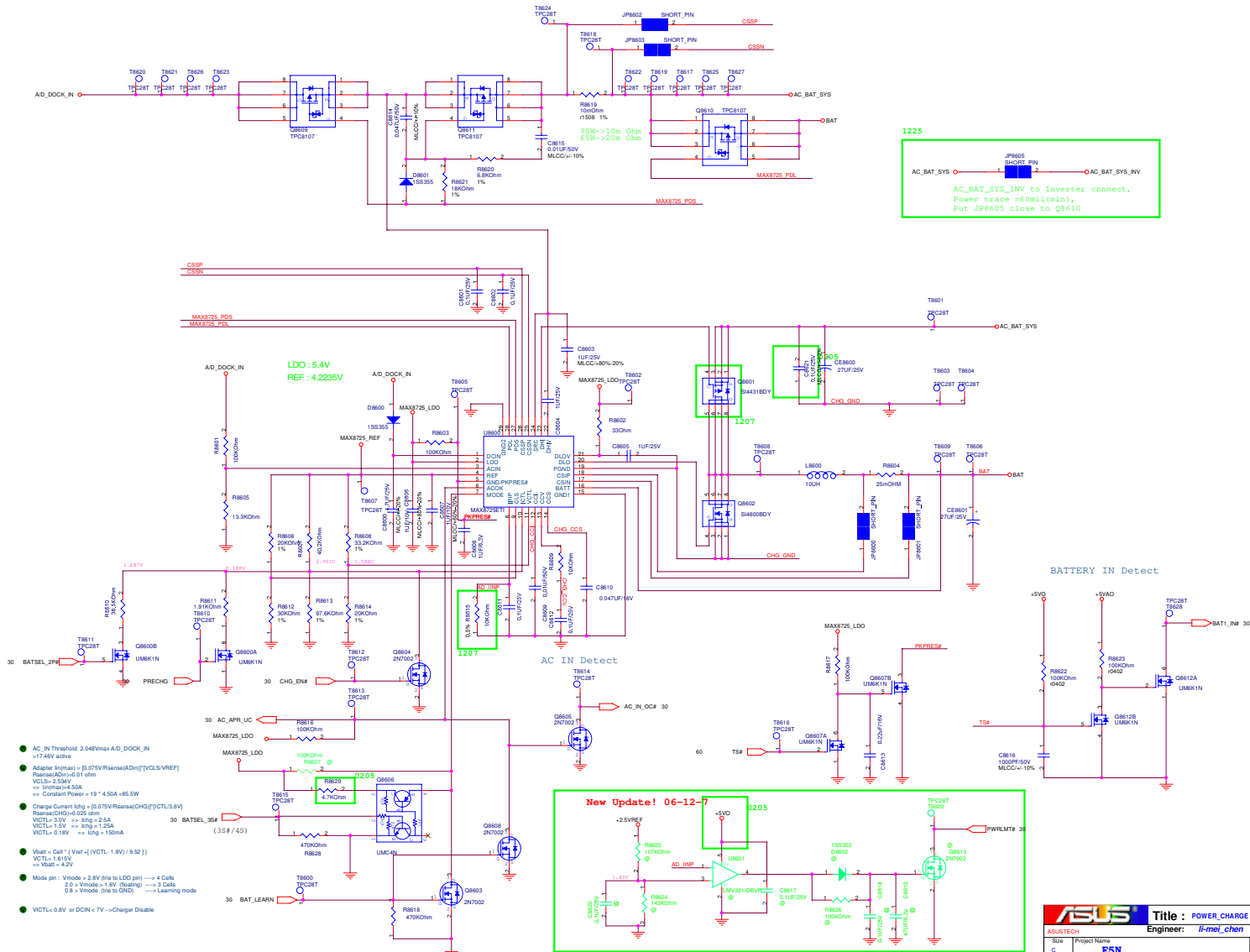
+2.5VS



+2.5VREF







1225

AC_BAT_SYS_INV to Inverter connect,
Power trace >60mil(min),
Put JP8605 close to Q8610

New Update! 06-12-17

205

2.5VREF

AD_INP

U8601

LMV321DEV1

CM17 0.1UF/25V

CM18 100KOhm

CM19 100KOhm

CM20 100KOhm

CM21 100KOhm

CM22 100KOhm

CM23 100KOhm

CM24 100KOhm

CM25 100KOhm

CM26 100KOhm

CM27 100KOhm

CM28 100KOhm

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