

NOTES:

NSDB9750E

NS9750 Evaluation Board

BOARD REVISIONS

10/06/04 REV 0
 11/09/04 REV 0 Text and ECO fixes
 12/09/04 REV A Release to pilot run

BOARD REV NOTES

SHEET REV NOTES

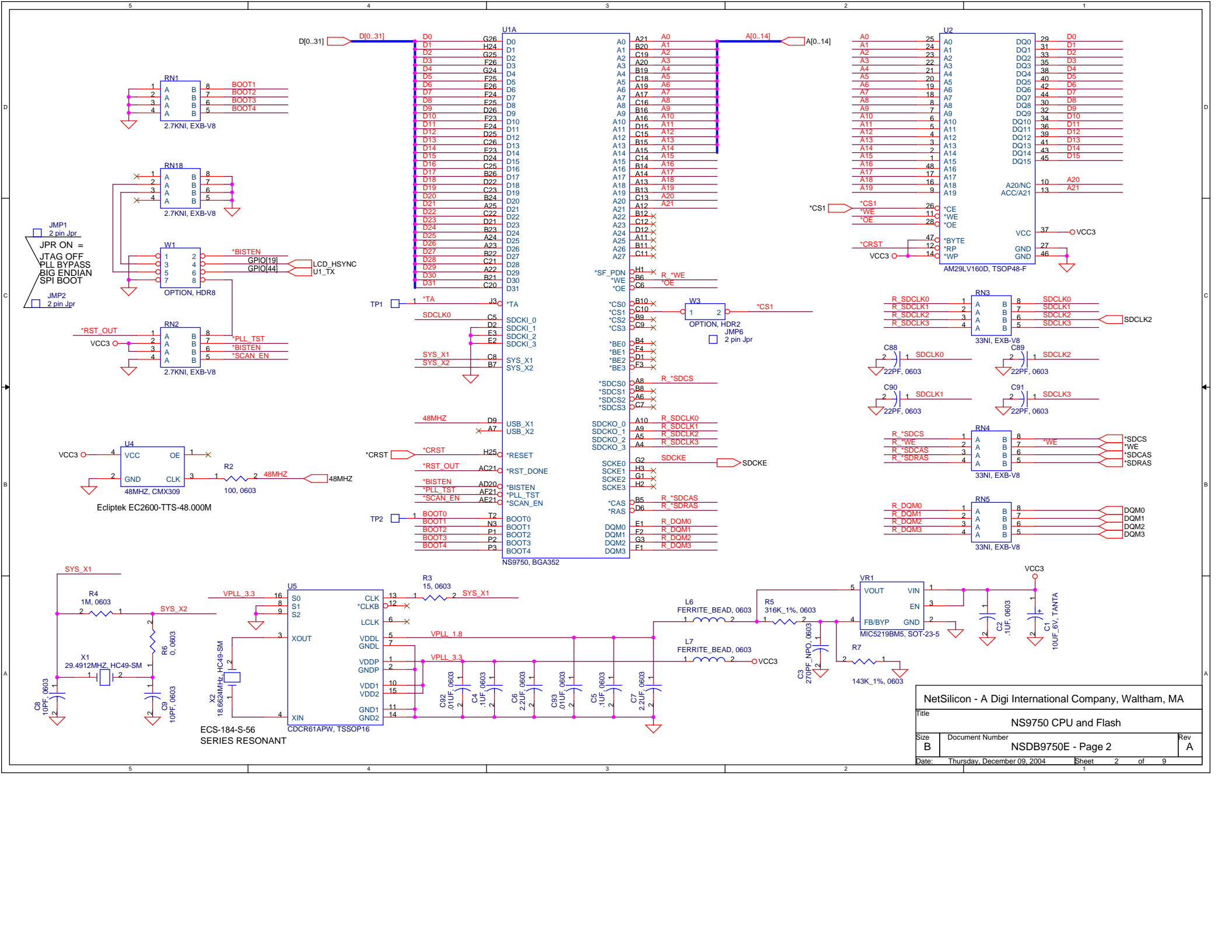
Nov. 22, 2004
 SH. 5: Changed U14 description from SSOP28 to TSSOP28 & added note that MAX3245 can be substituted.
 SH. 6: Changed U15 CardBus Power text and population.
 Nov. 30, 2004
 SH. 5: Added Note that the PCB Silk Screen has PORT A and PORT B reversed.

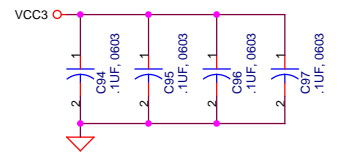
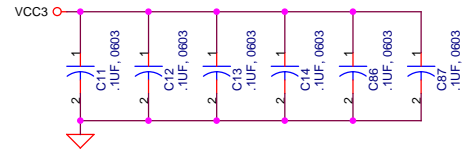
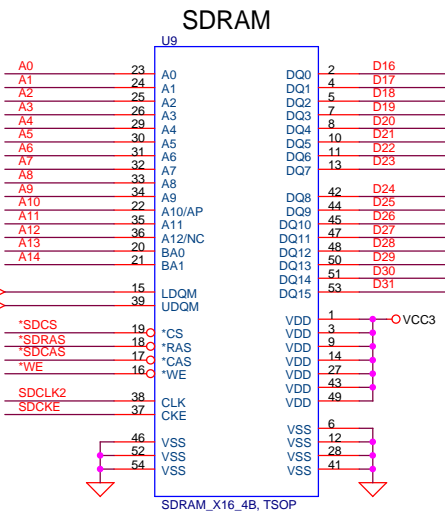
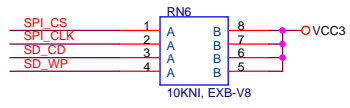
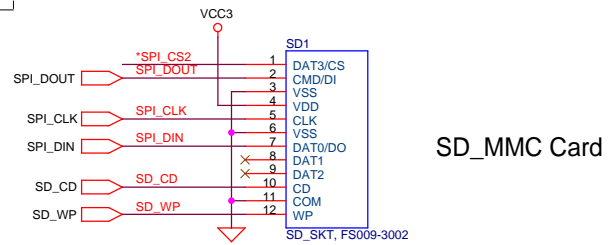
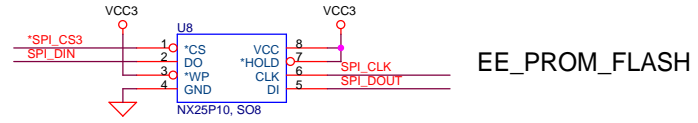
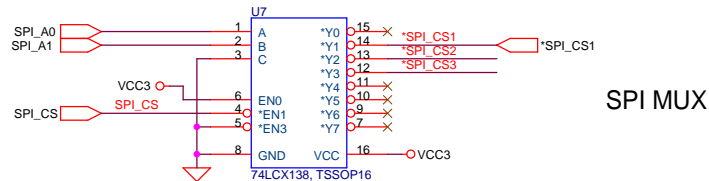
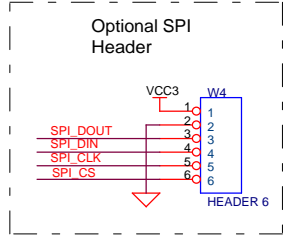
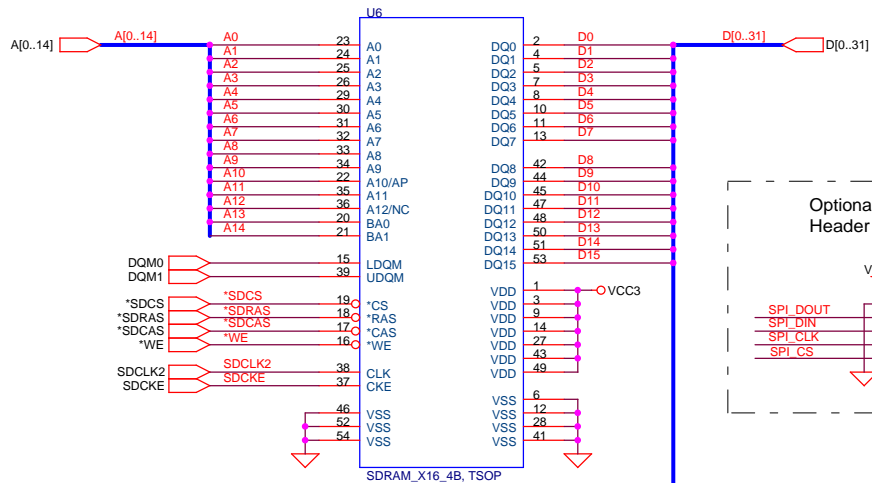
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6	CardBus Socket
7	I2C I/O, PushButtons, LED's & RTC
8	USB Host & Device
9	NS9750 Power Supply & Bypass

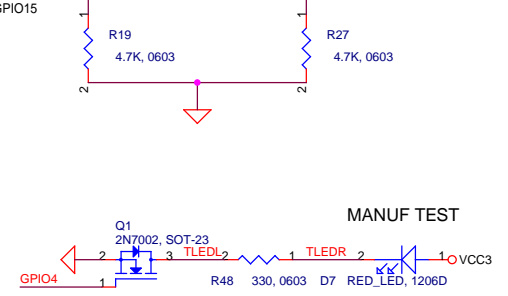
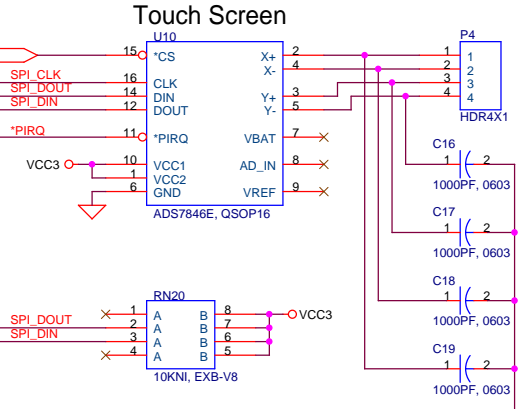
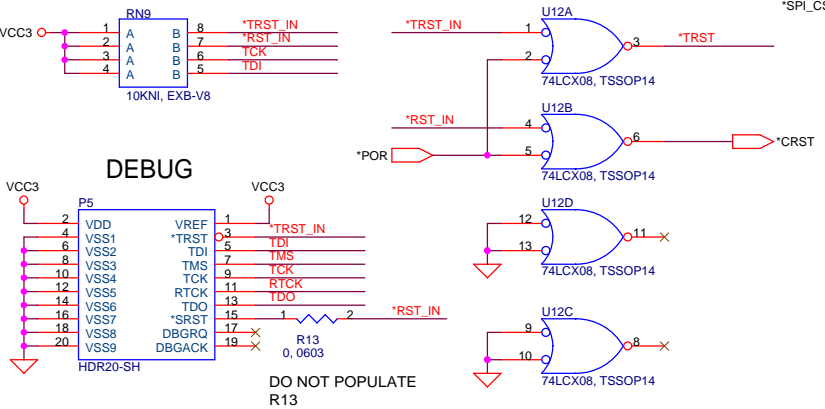
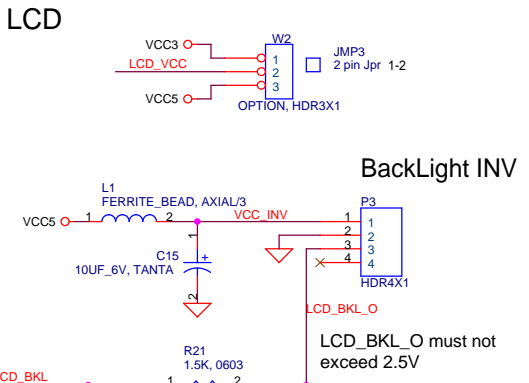
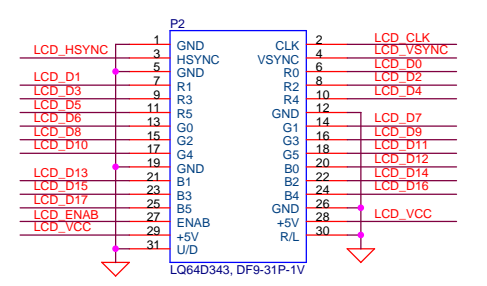
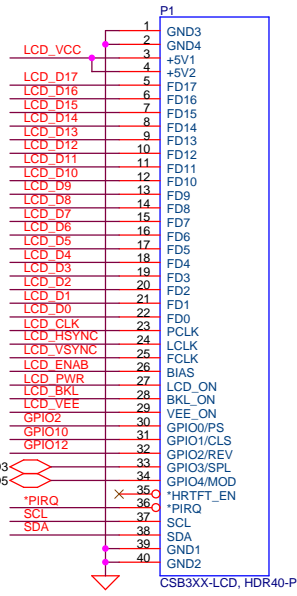
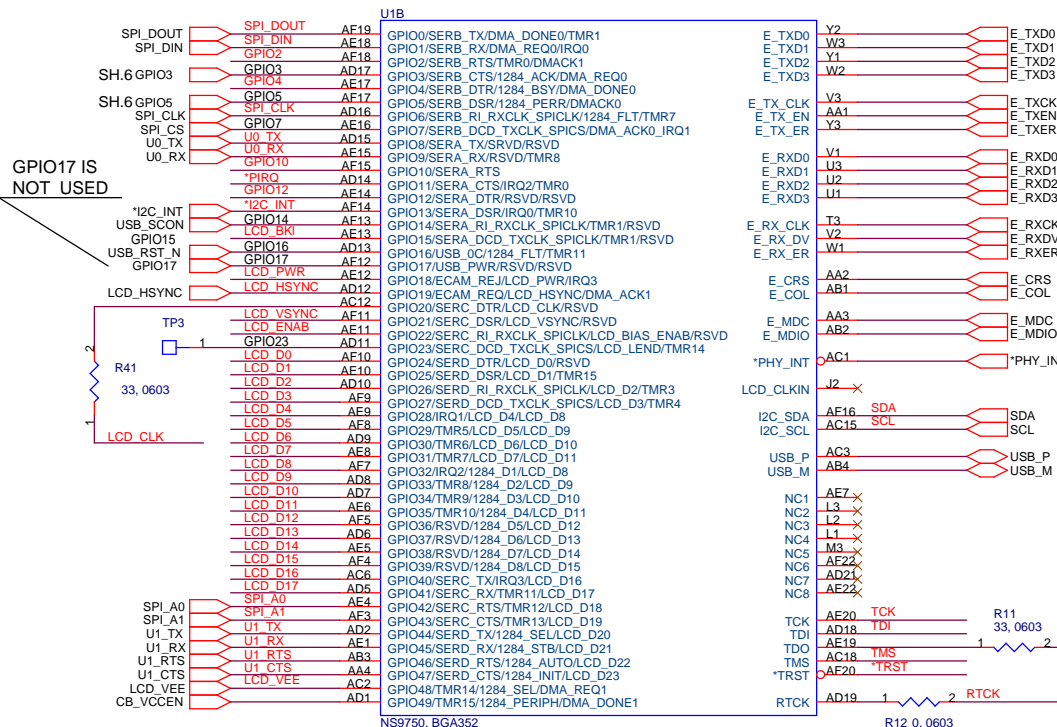
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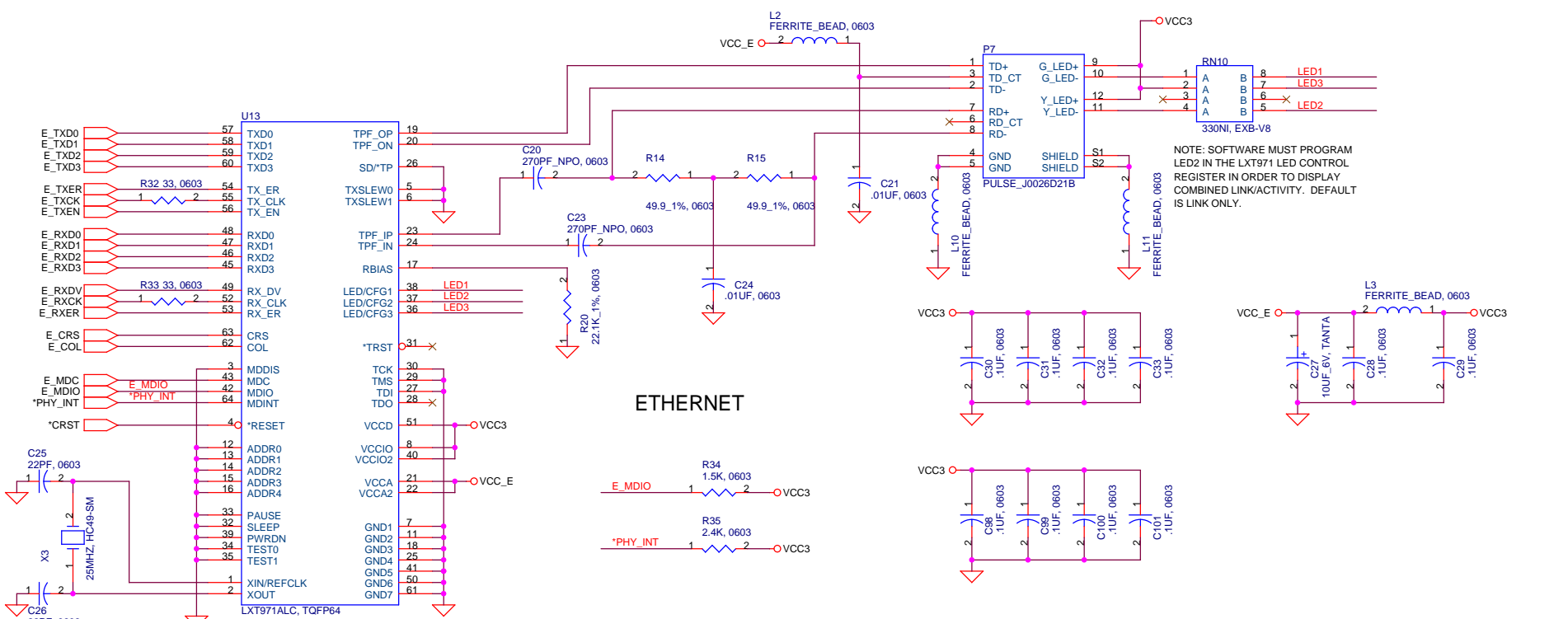
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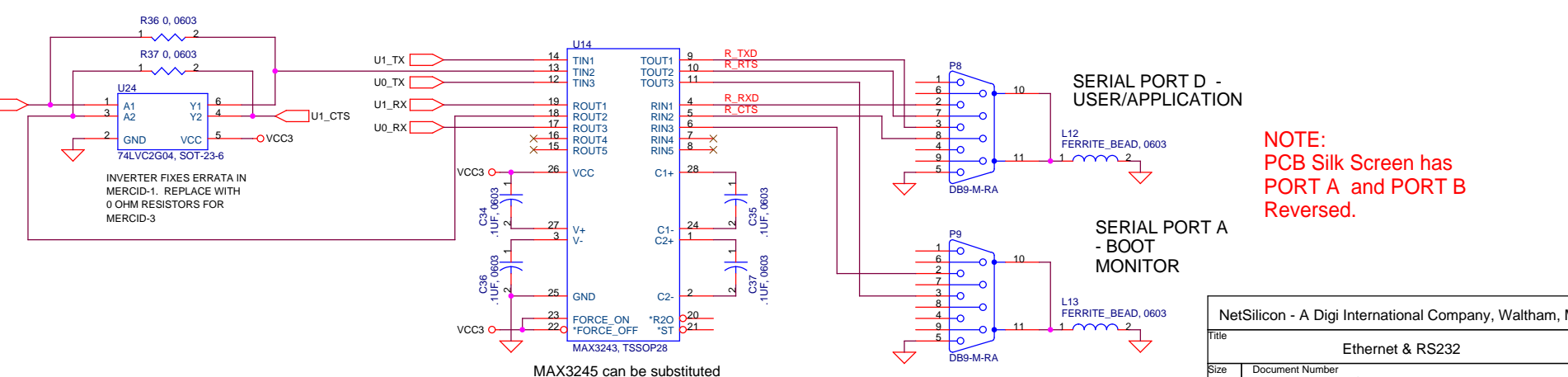
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ETHERNET

NOTE: SOFTWARE MUST PROGRAM LED2 IN THE LXT971 LED CONTROL REGISTER IN ORDER TO DISPLAY COMBINED LINK/ACTIVITY. DEFAULT IS LINK ONLY.



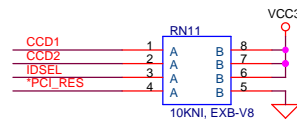
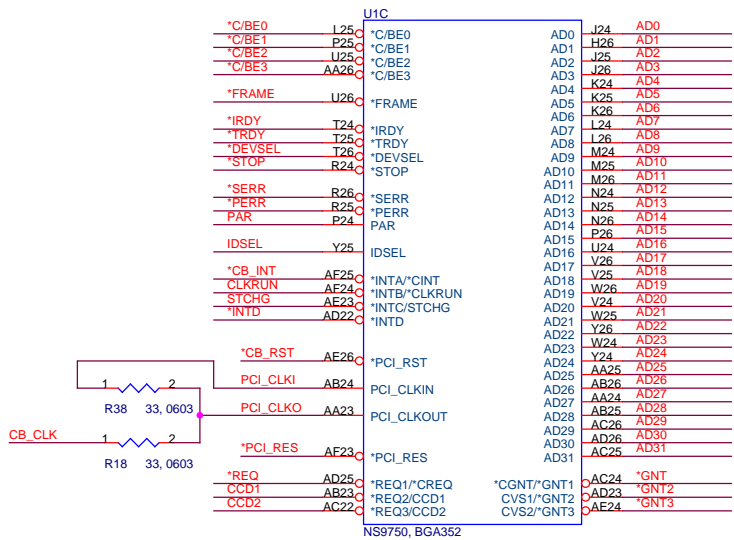
SERIAL PORT D - USER/APPLICATION

SERIAL PORT A - BOOT MONITOR

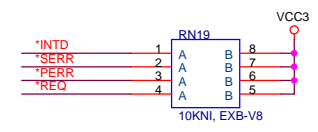
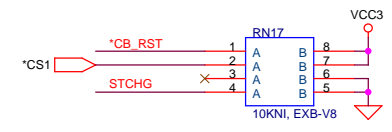
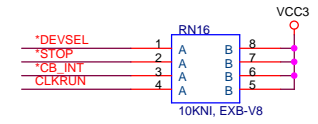
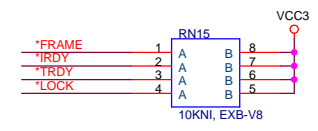
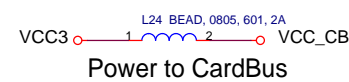
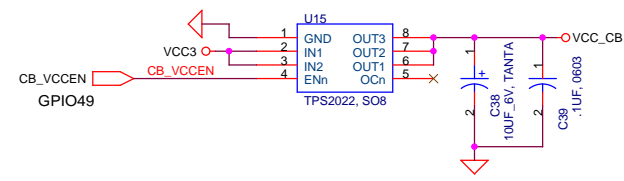
NOTE: PCB Silk Screen has PORT A and PORT B Reversed.

MAX3245 can be substituted

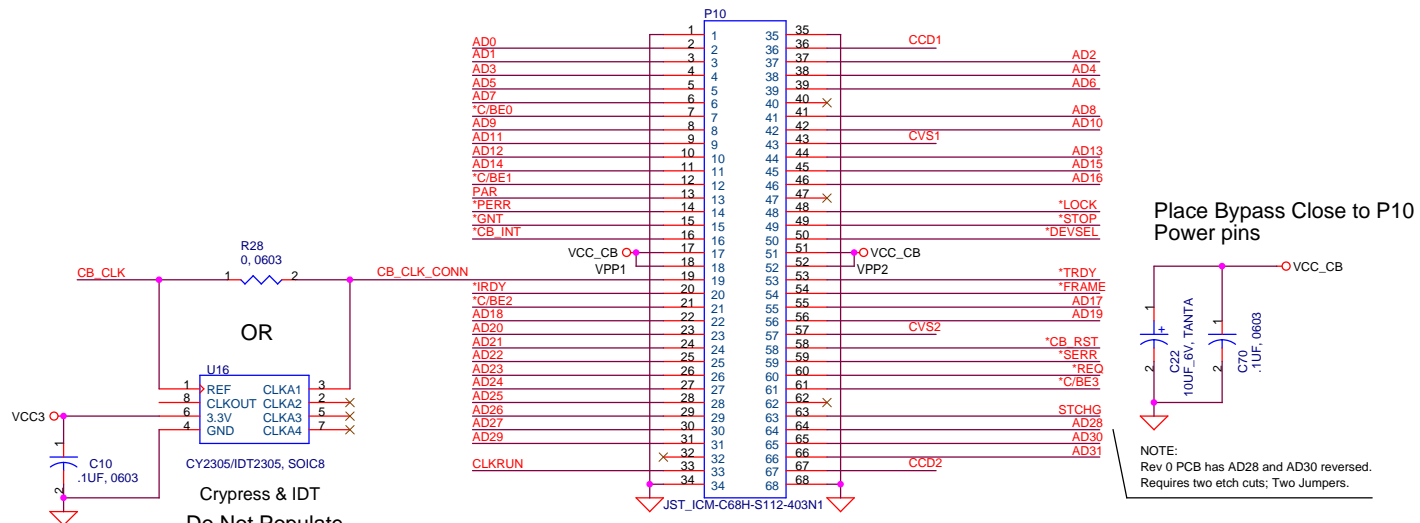
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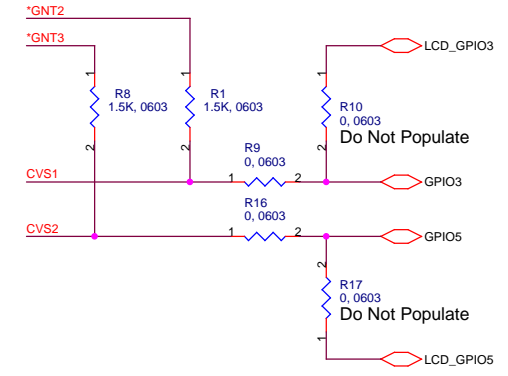
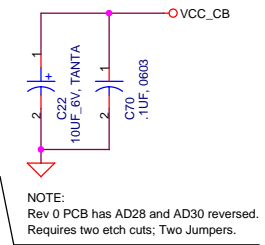
Do Not Populate U15:
CardBus Power should be applied the same time as the NS9750 since Hot Swap is not supported.



CARDBUS



Place Bypass Close to P10 Power pins

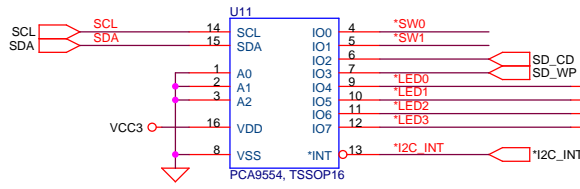


NOTE:
THE NS9750 CARDBUS INTERFACE IS NOT PCMCIA COMPATIBLE. ONLY 3.3V X 32 CARDS ARE SUPPORTED.

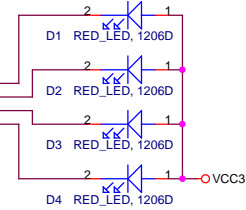
CardBus Socket
Hot Swap is Not Supported

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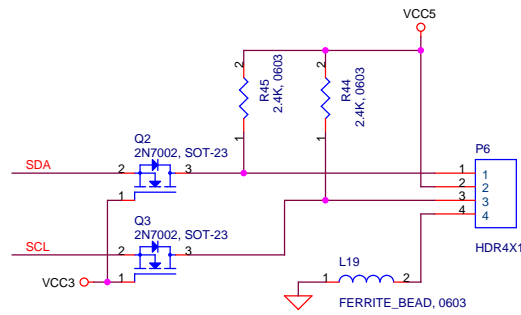
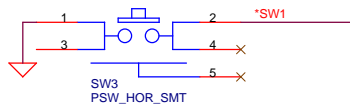
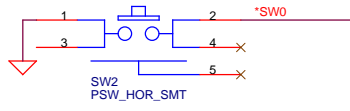
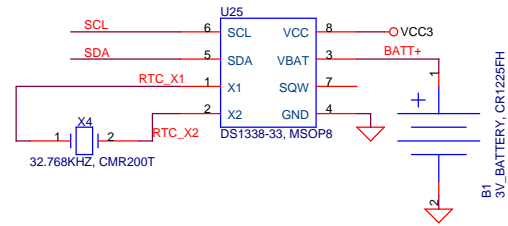
I2C EXPANDER



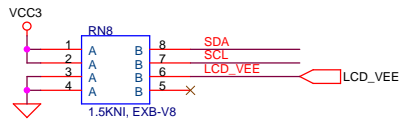
LEDS



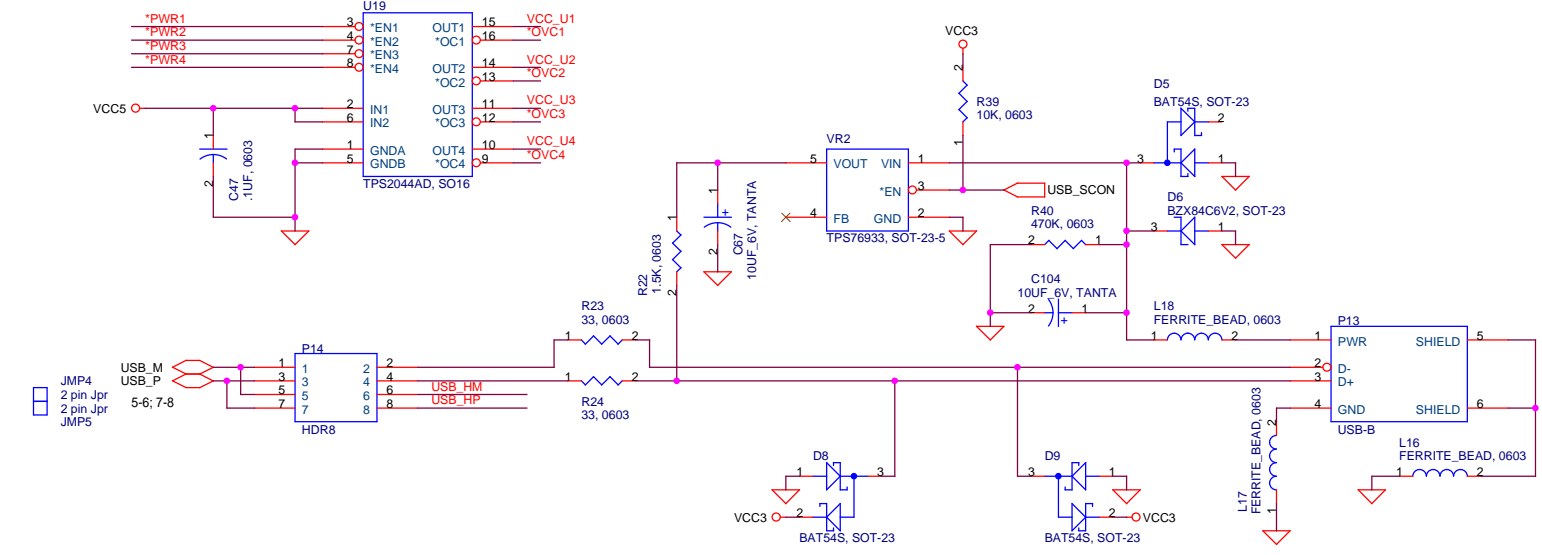
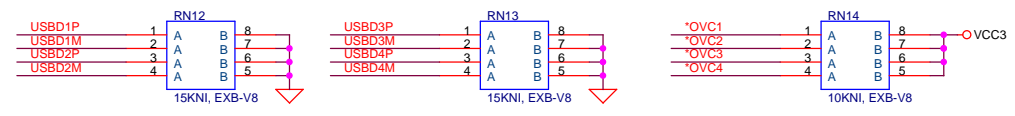
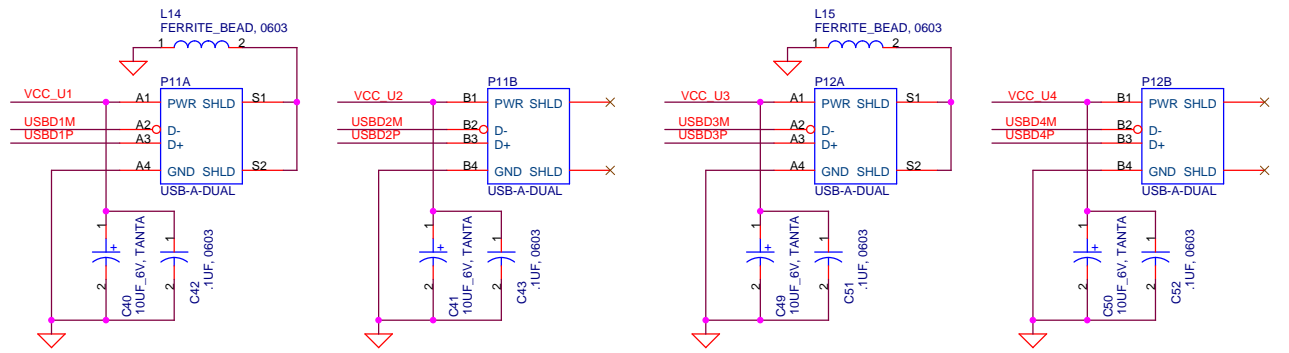
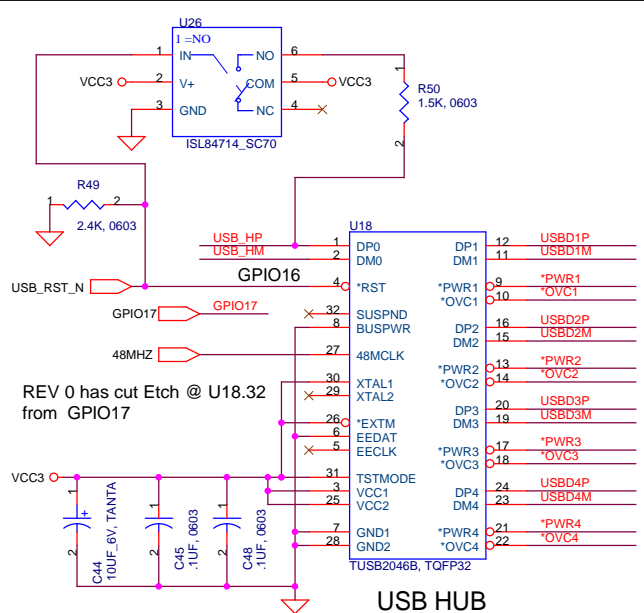
RTC



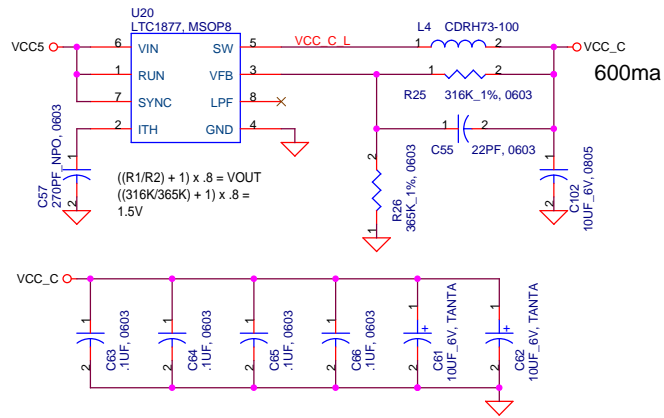
I2C_5V



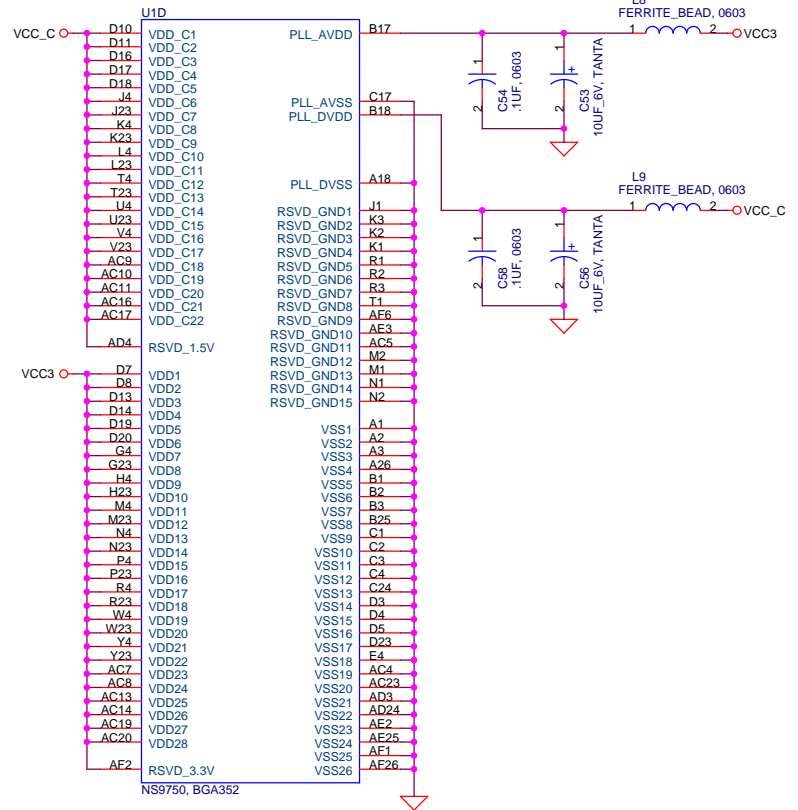
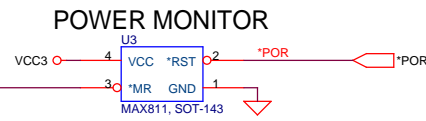
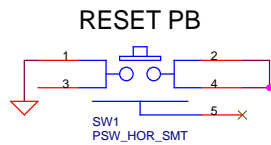
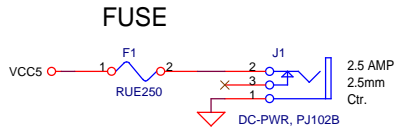
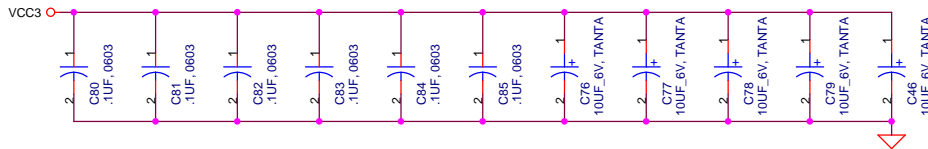
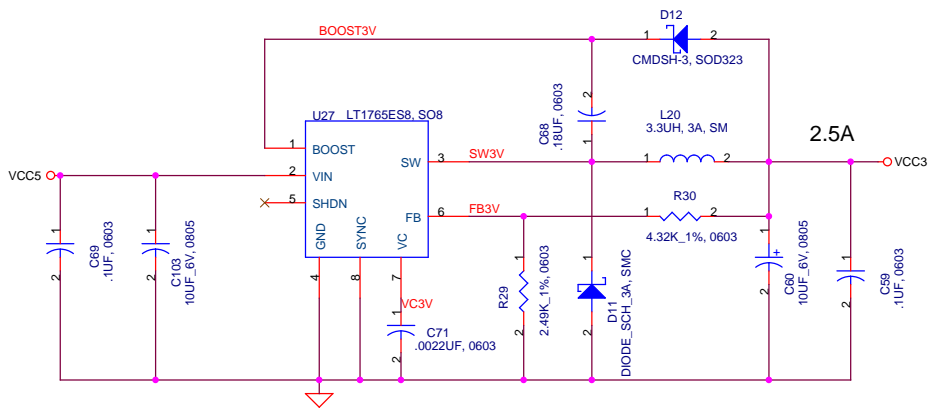
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C60, C102 & C103 are ceramic capacitors
LESR rated.



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