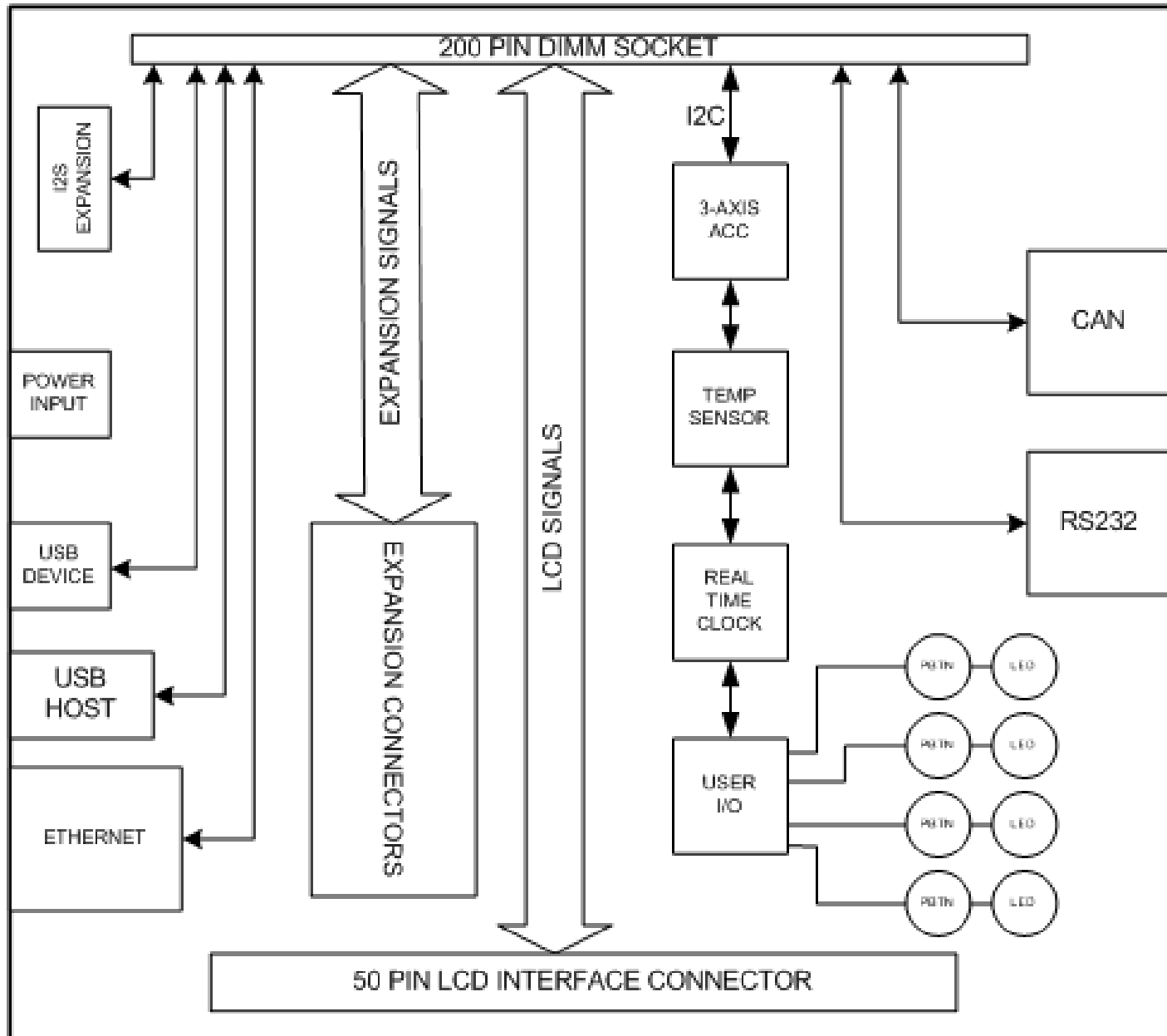
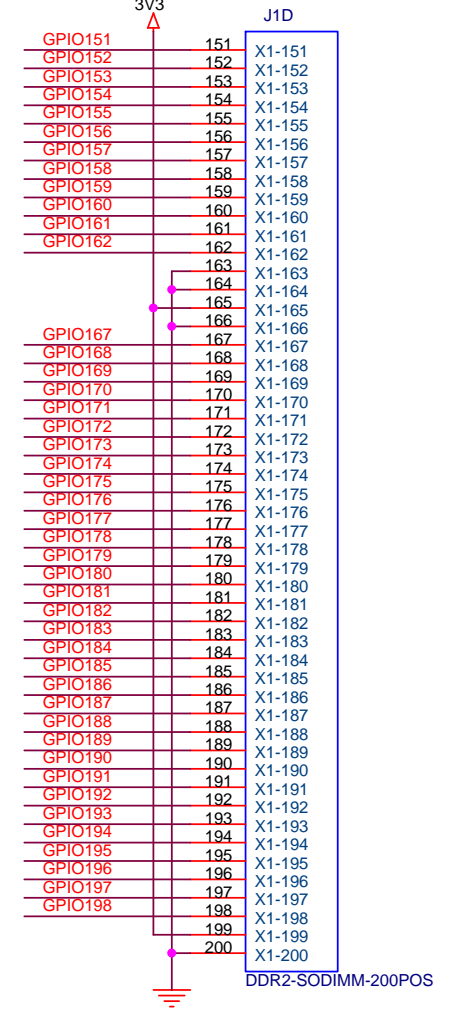
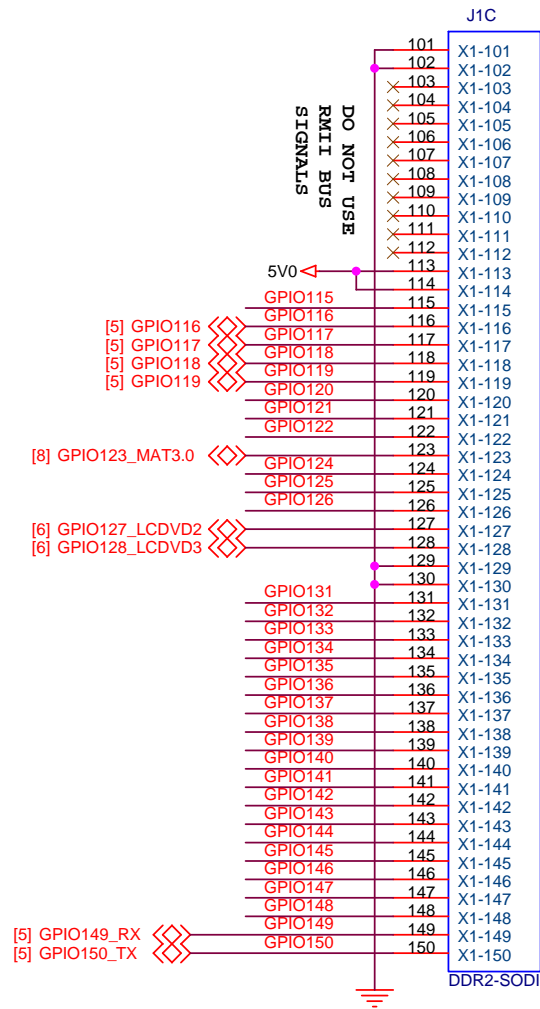
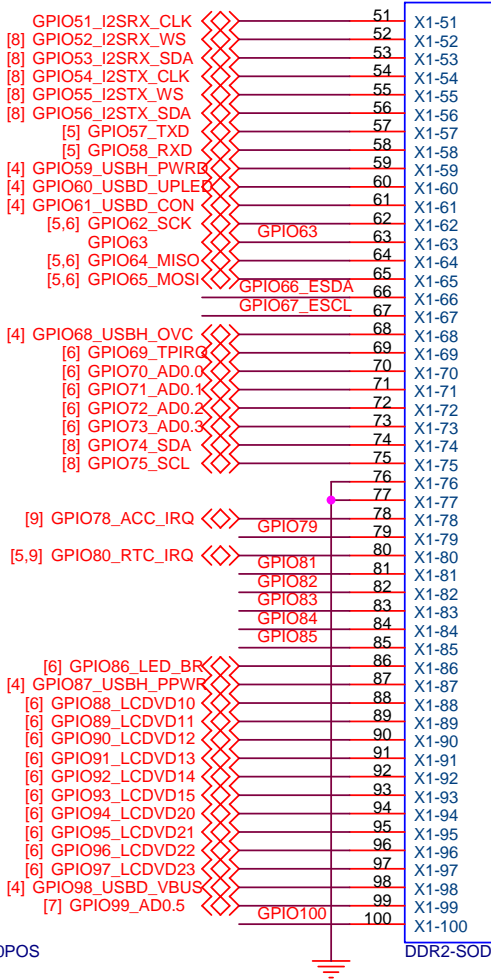
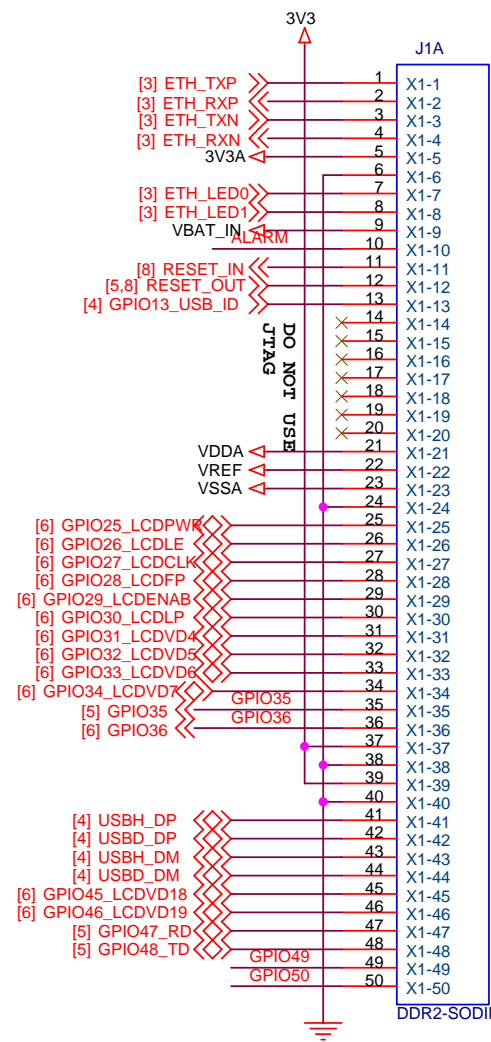


REVISION HISTORY		
DATE	REV	DESCRIPTION
01/14/09	1	INITIAL RELEASE
03/09/09	1.1	CORRECT USB HOST PULLDOWN VALUES
08/20/09	2	CORRECT ETHERNET LEDS, ADDED I2C AUDIO ADDED RS485, WIFI
9/8/09	2.1	CORRECT I2S AUDIO SIGNALS
9/14/09	2.2	DNL I2S AUDIO CIRCUITRY
10/22/09	2.3	CORRECT RS485 SIGNAL NAMES
9/3/2010	3	CHANGE: I2S AUDIO, ENET MAGJACK, WIFI

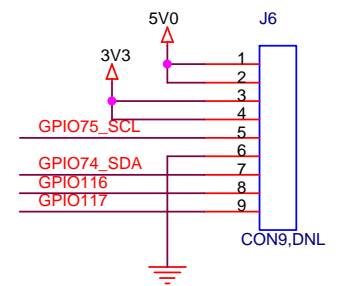
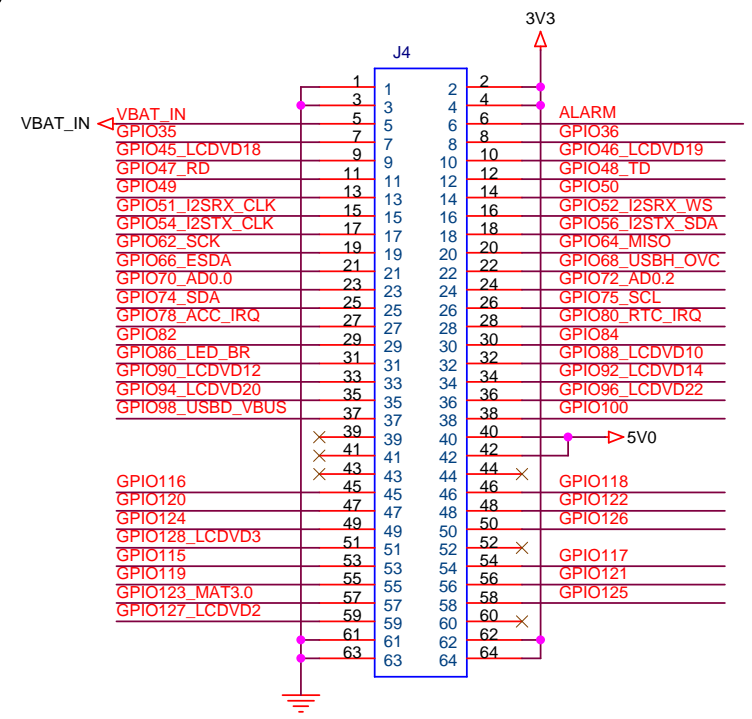
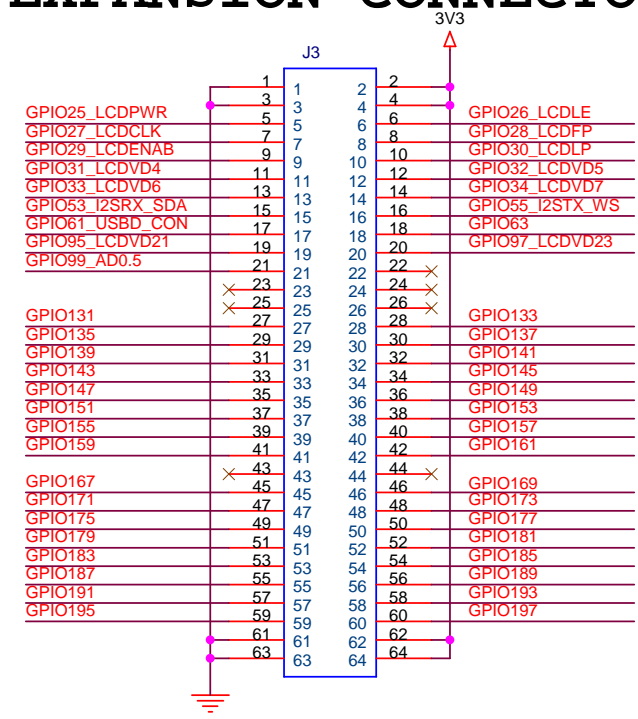
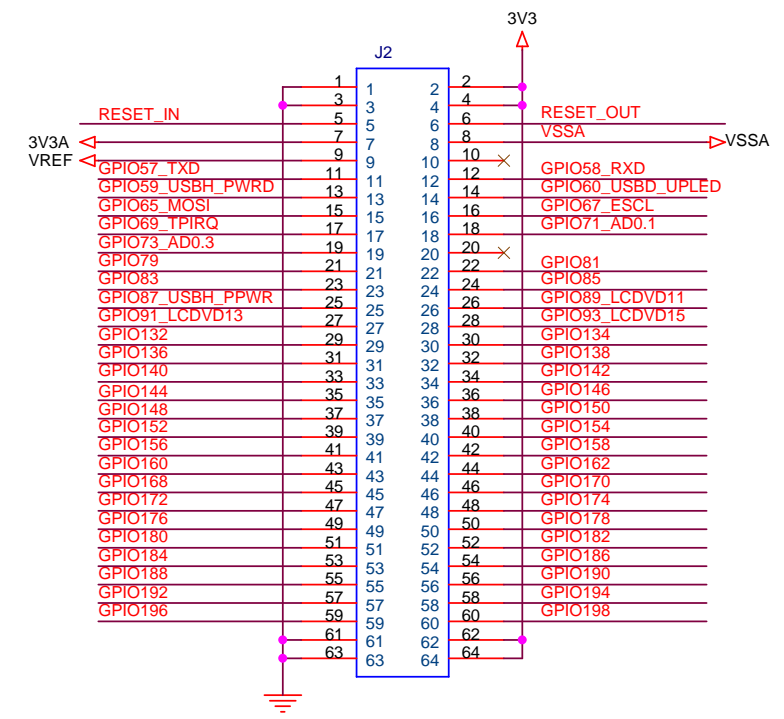


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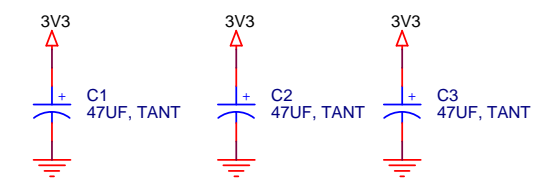


SOMDIMM SOCKET

EXPANSION CONNECTORS



OPTIONAL EXTERNAL I2C HEADER



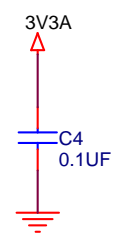
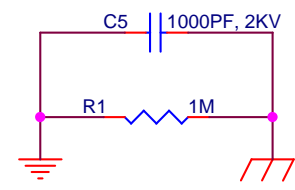
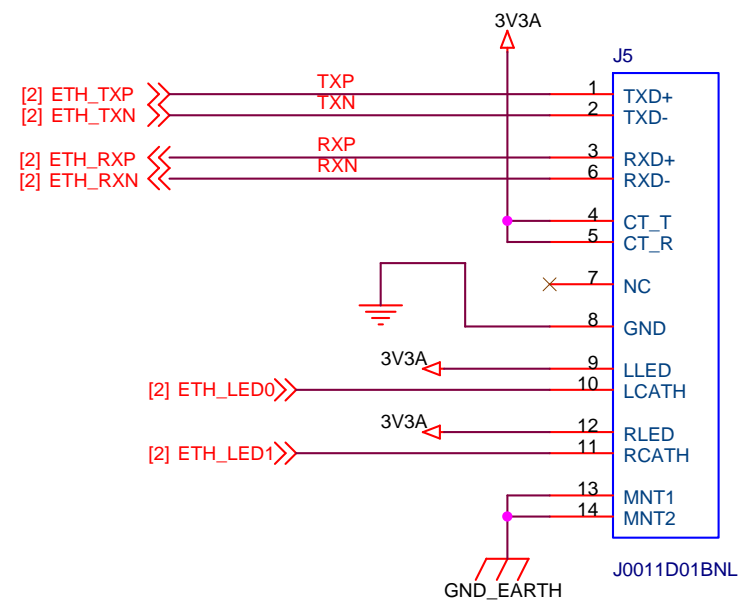
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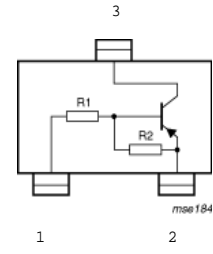
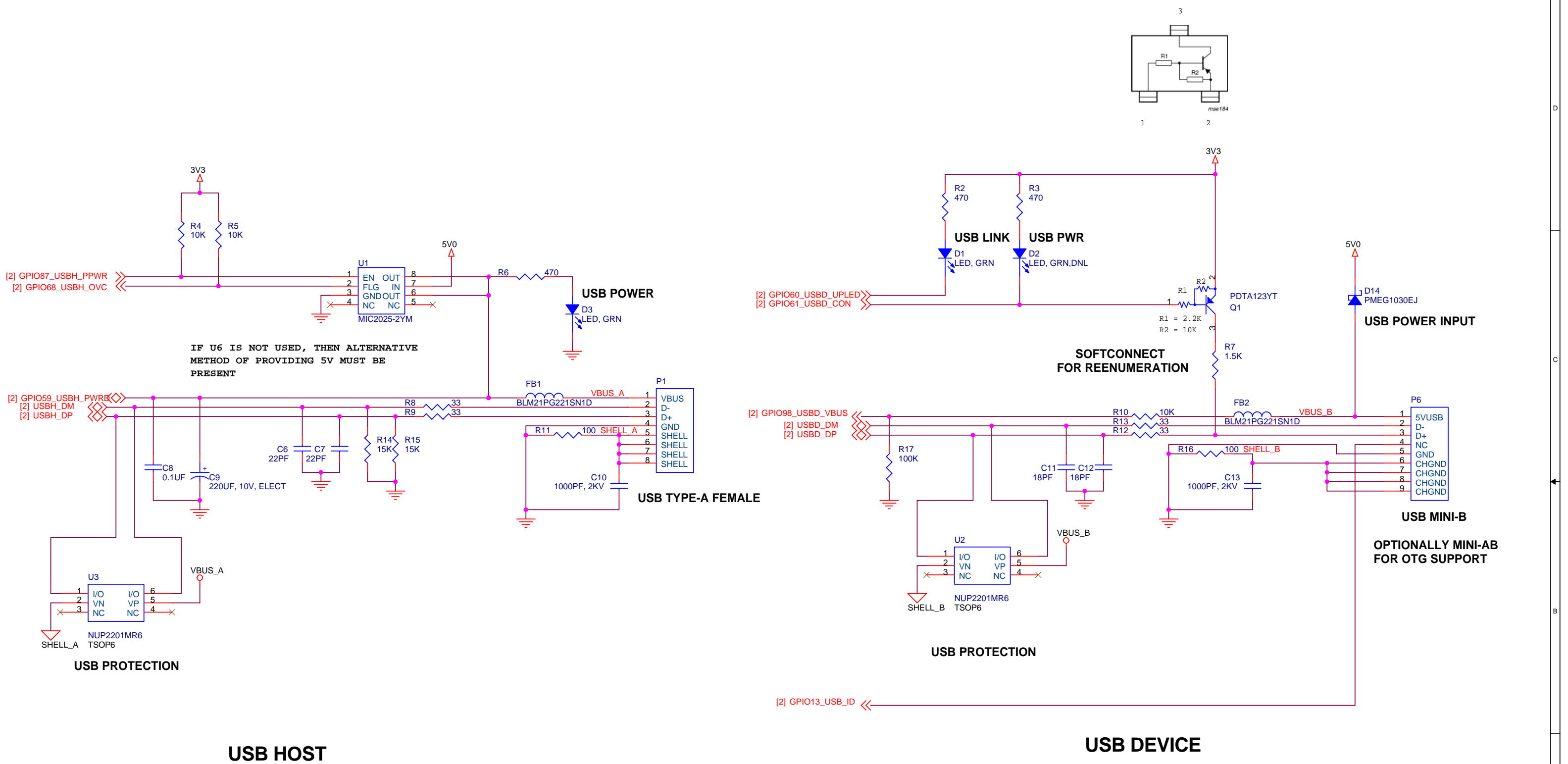
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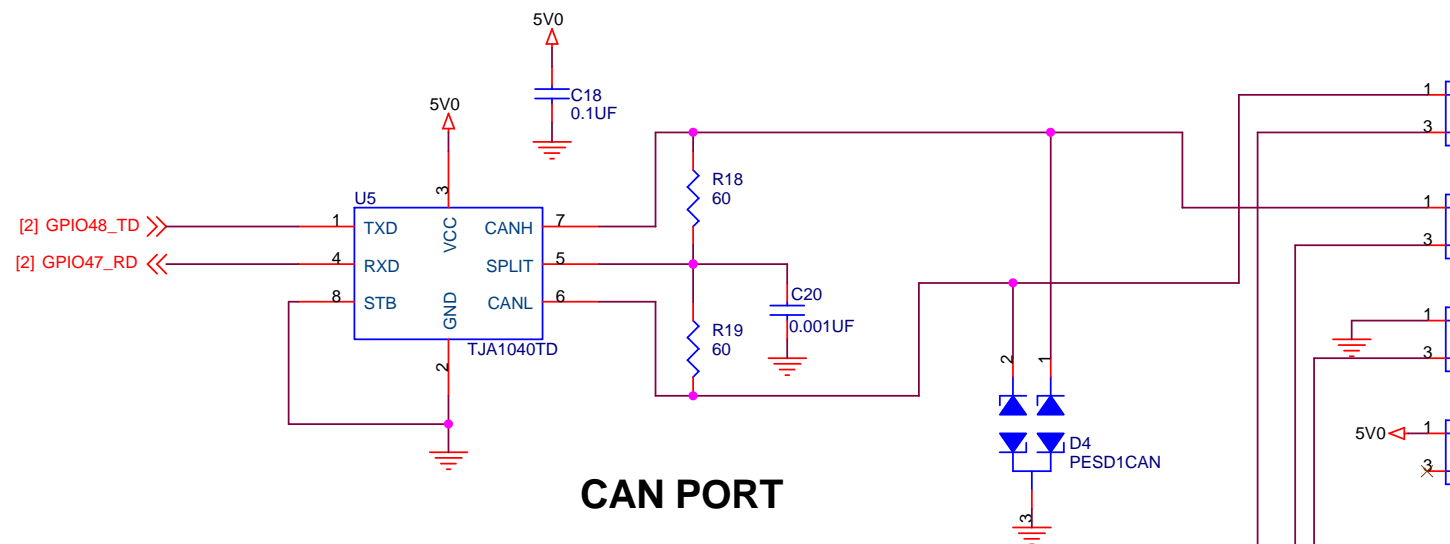


ETHERNET

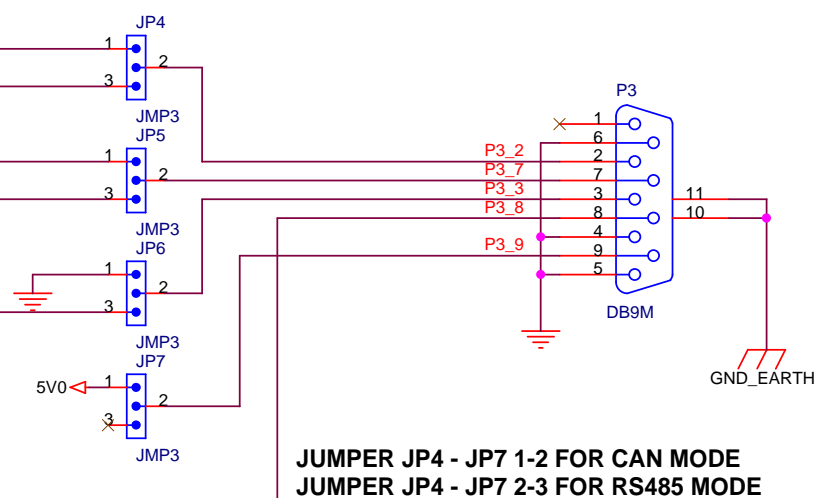
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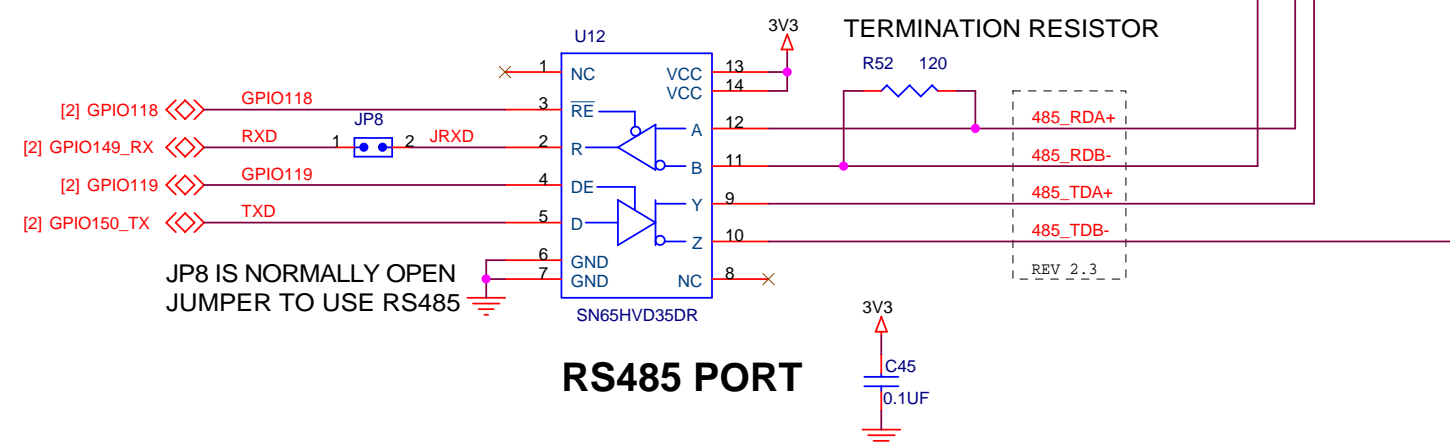
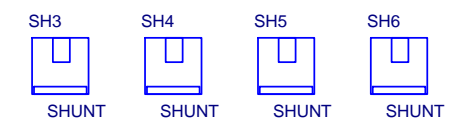
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CAN PORT

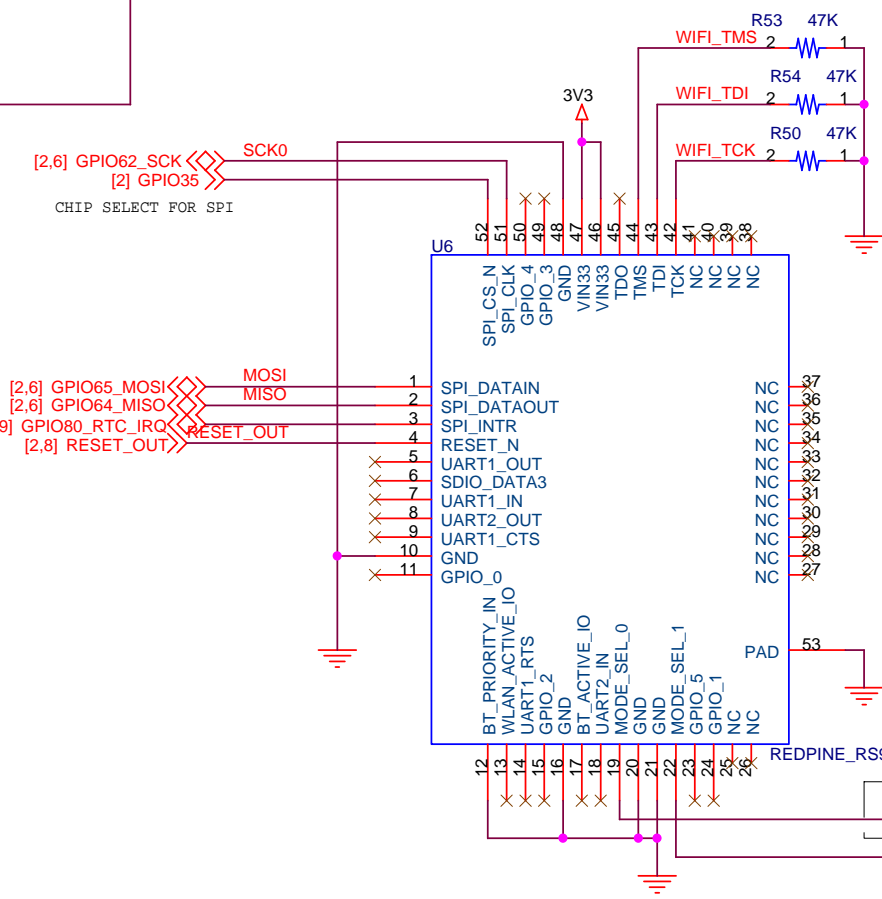


**JUMPER JP4 - JP7 1-2 FOR CAN MODE
JUMPER JP4 - JP7 2-3 FOR RS485 MODE**

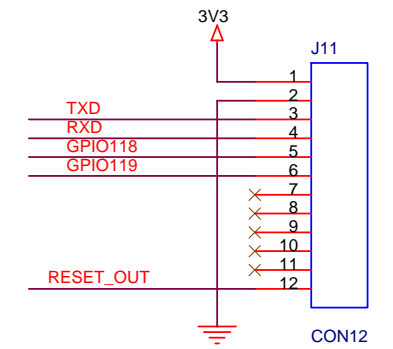


RS485 PORT

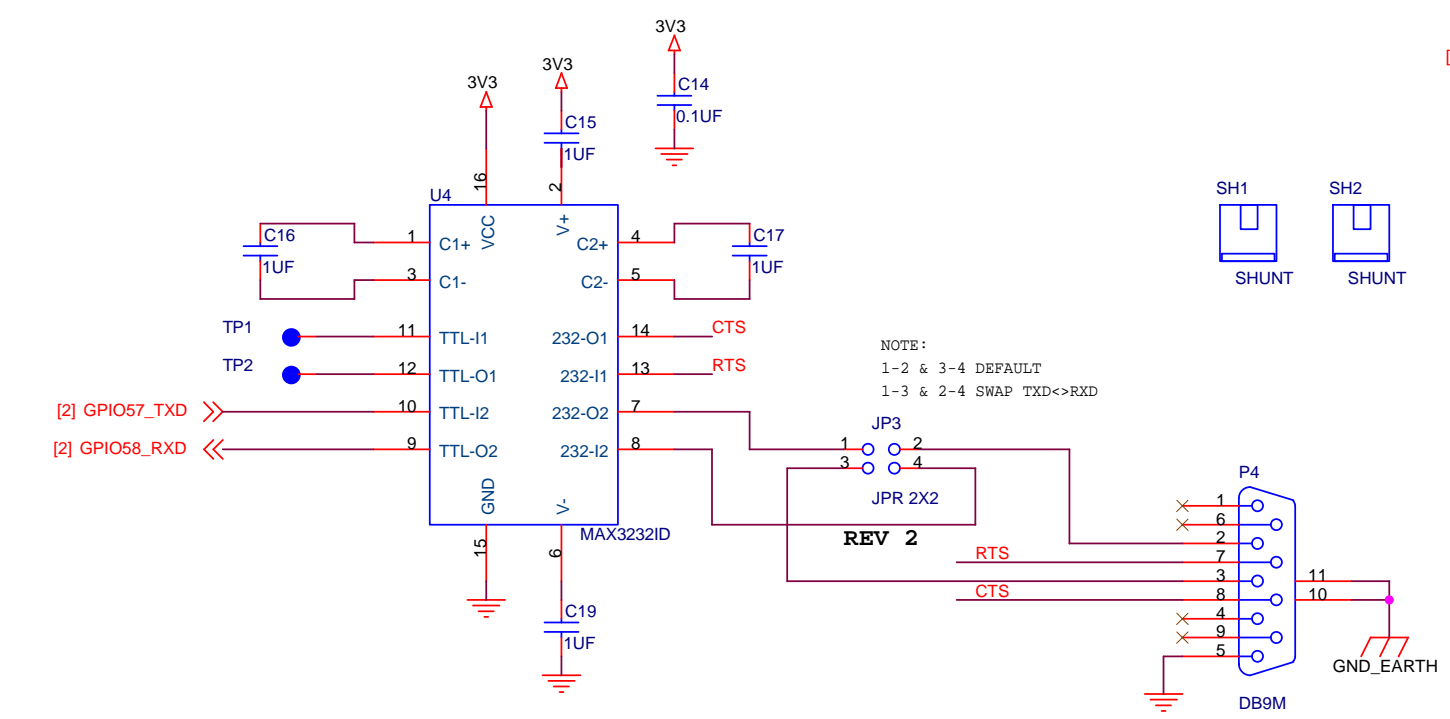
JP8 IS NORMALLY OPEN
JUMPER TO USE RS485



REDPINE WIFI MODULE

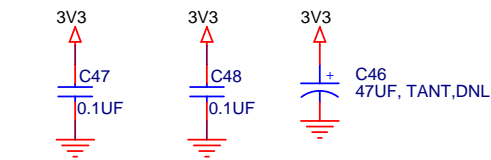


**ROVING NETWORKS
WIFI MODULE**

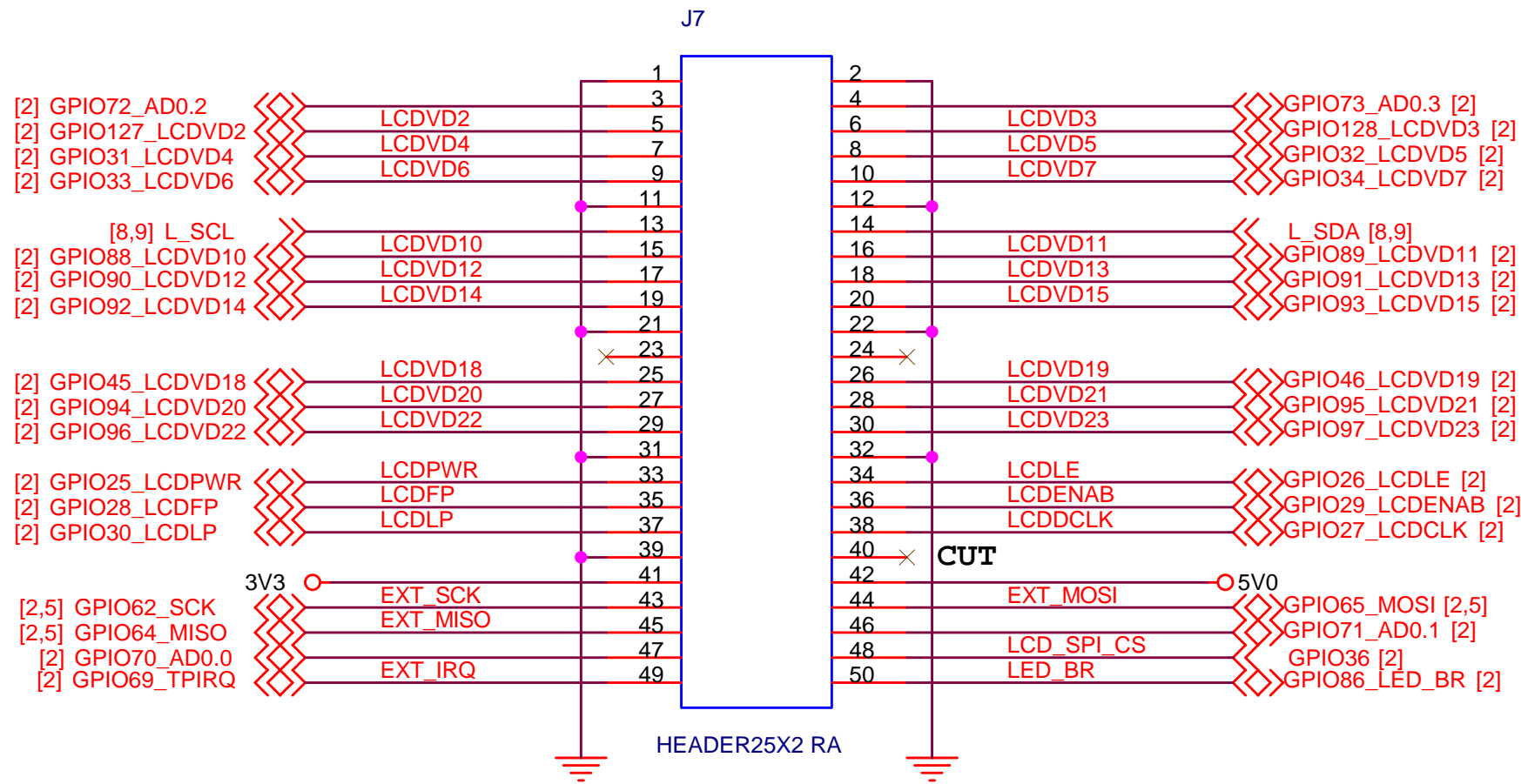


RS232 PORT

NOTE:
1-2 & 3-4 DEFAULT
1-3 & 2-4 SWAP TXD<->RXD



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TO LCD INTERFACE BOARD

NOTE: CUT PIN 40 FOR KEYING

WHEN USING TI TOUCH IC:

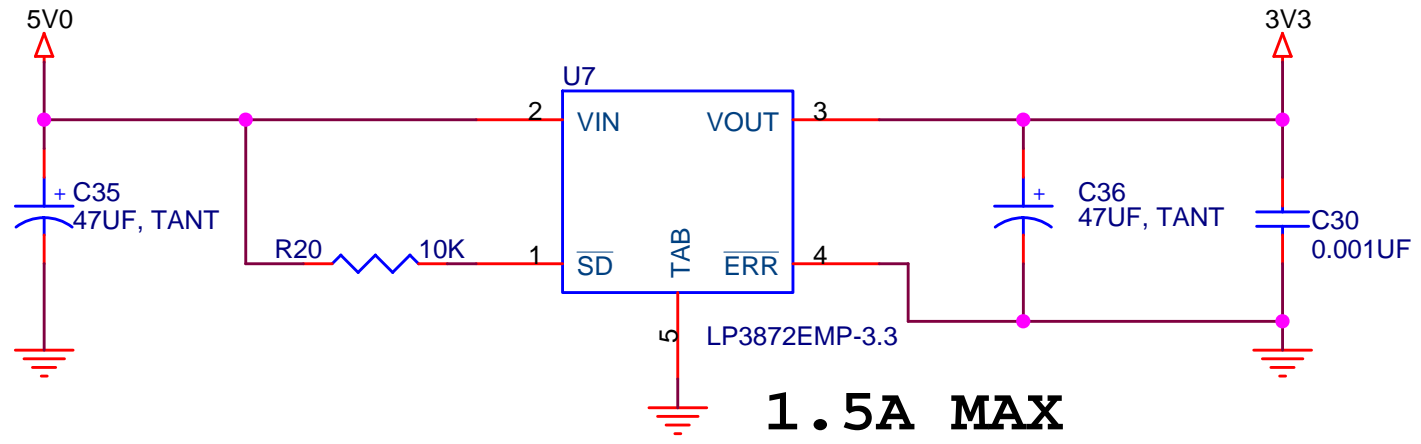
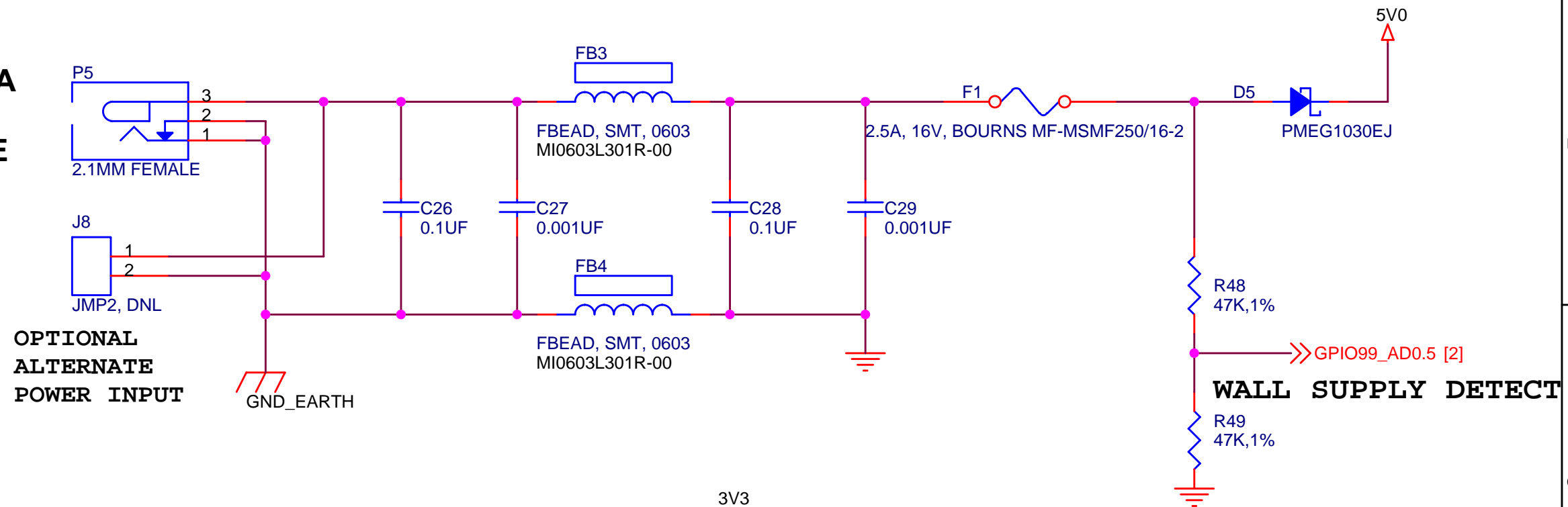
- P0.15 = SCK0
- P0.16 = CS TO TI IC
- P0.17 = MISO0
- P0.18 = MOSI0
- P0.22 = TP IRQ
- P0.23 = UNUSED
- P0.24 = UNUSED
- P0.25 = UNUSED
- P0.26 = UNUSED

WHEN USING DISCRETE TOUCH INTERFACE:

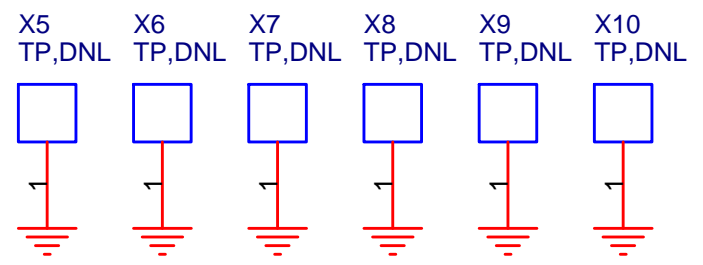
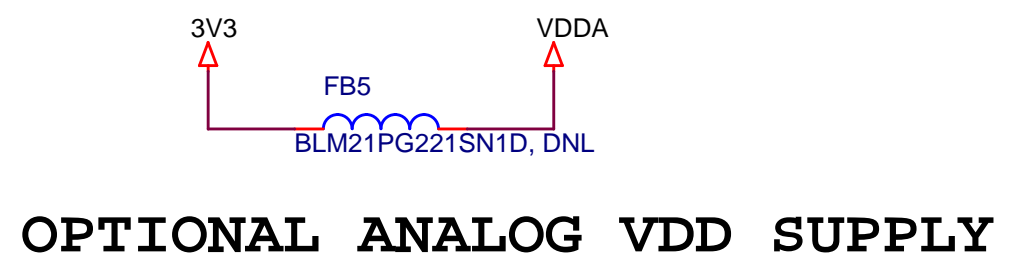
- P0.15 = UNUSED
- P0.16 = UNUSED
- P0.17 = TP GPIO OUTPUT
- P0.18 = TP GPIO OUTPUT
- P0.22 = UNUSED
- P0.23 = TP AD0.0 INPUT/GPO (X-RIGHT)
- P0.24 = TP AD0.1 INPUT/GPO (Y-UP)
- P0.25 = TP GPIO (X-LEFT)
- P0.26 = TP GPIO (Y-DOWN)

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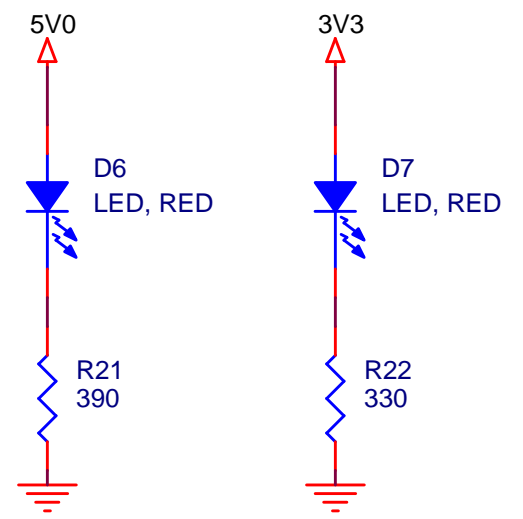
**5V @ 2.6A
CENTER
POSITIVE**



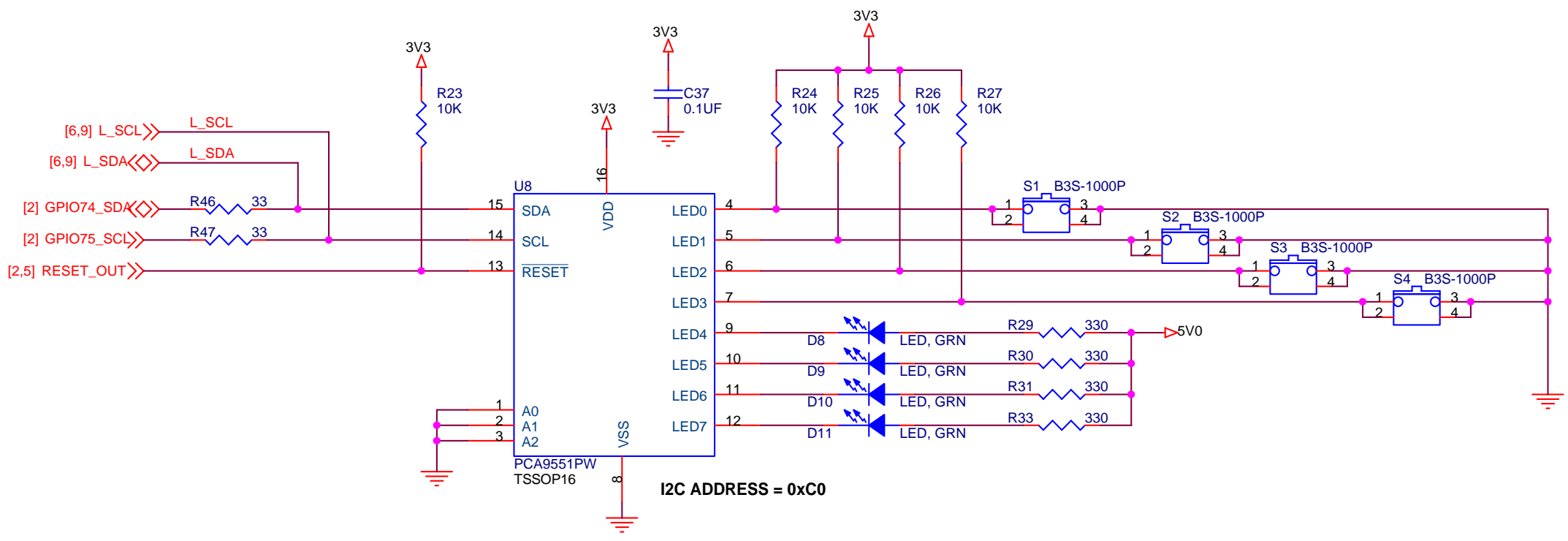
M1
AC Adapter, 5V DC REG, 2.6A, International



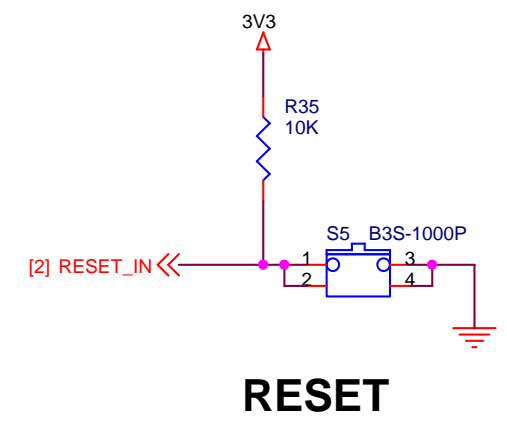
GROUND POINTS



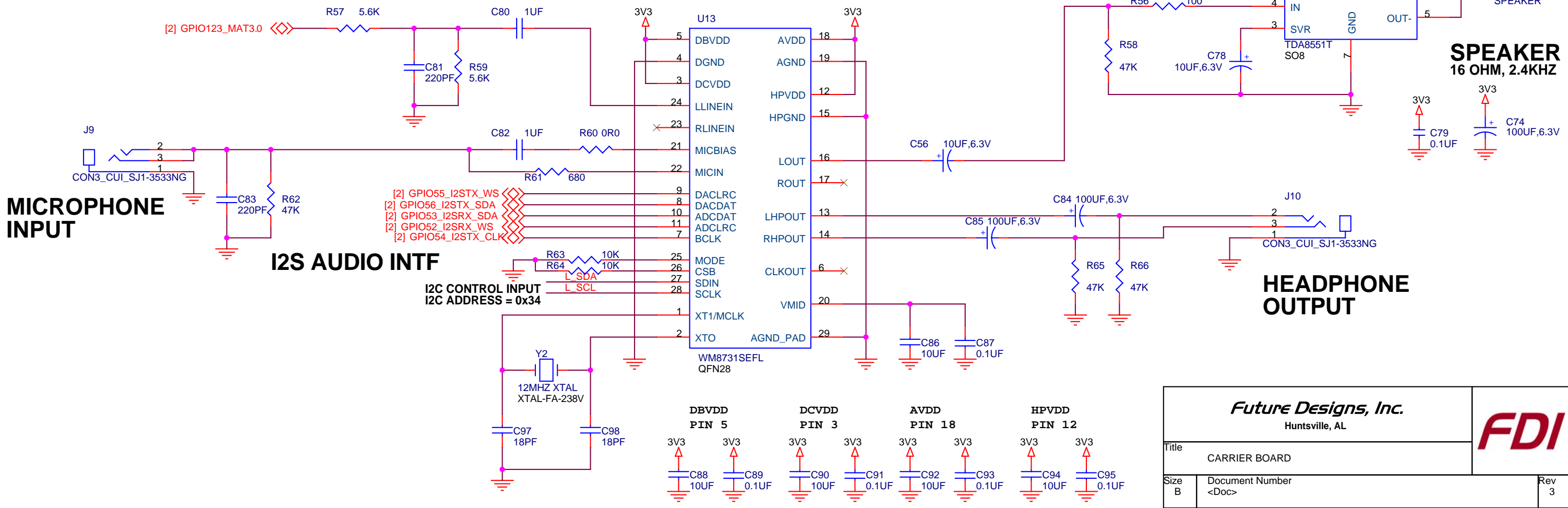
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I2C GPIO - LEDs AND SWITCHES



RESET



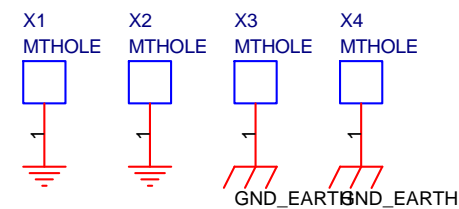
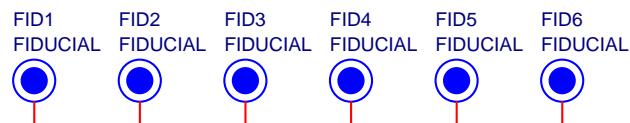
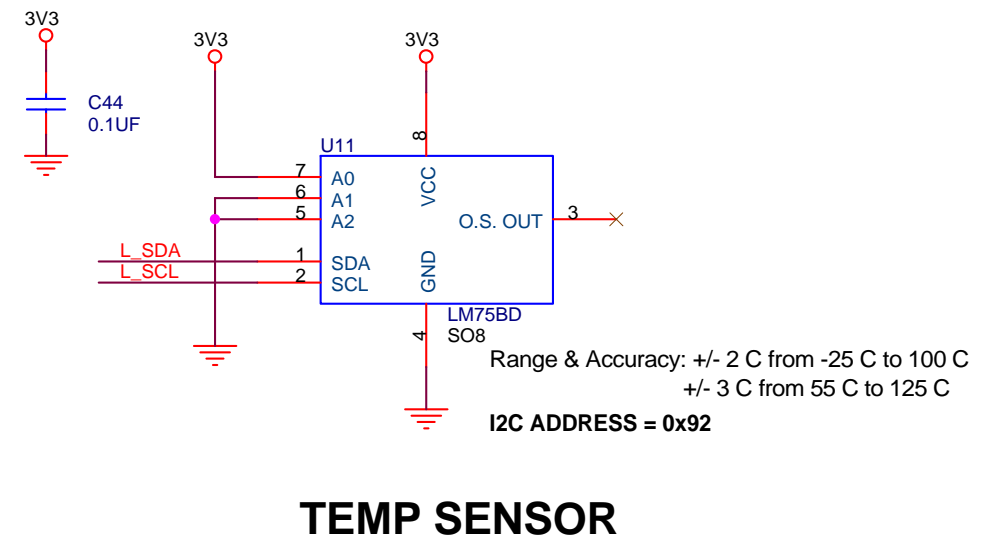
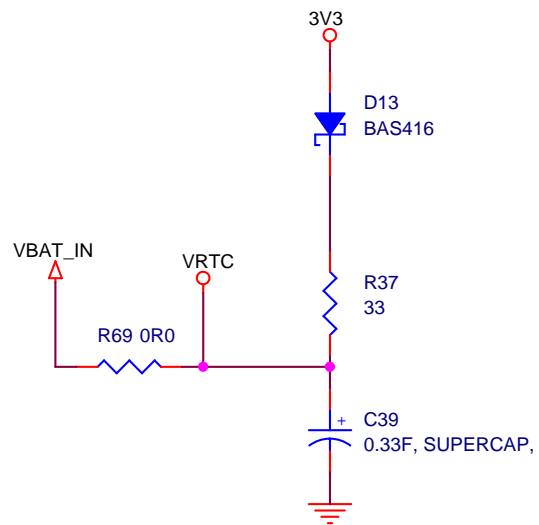
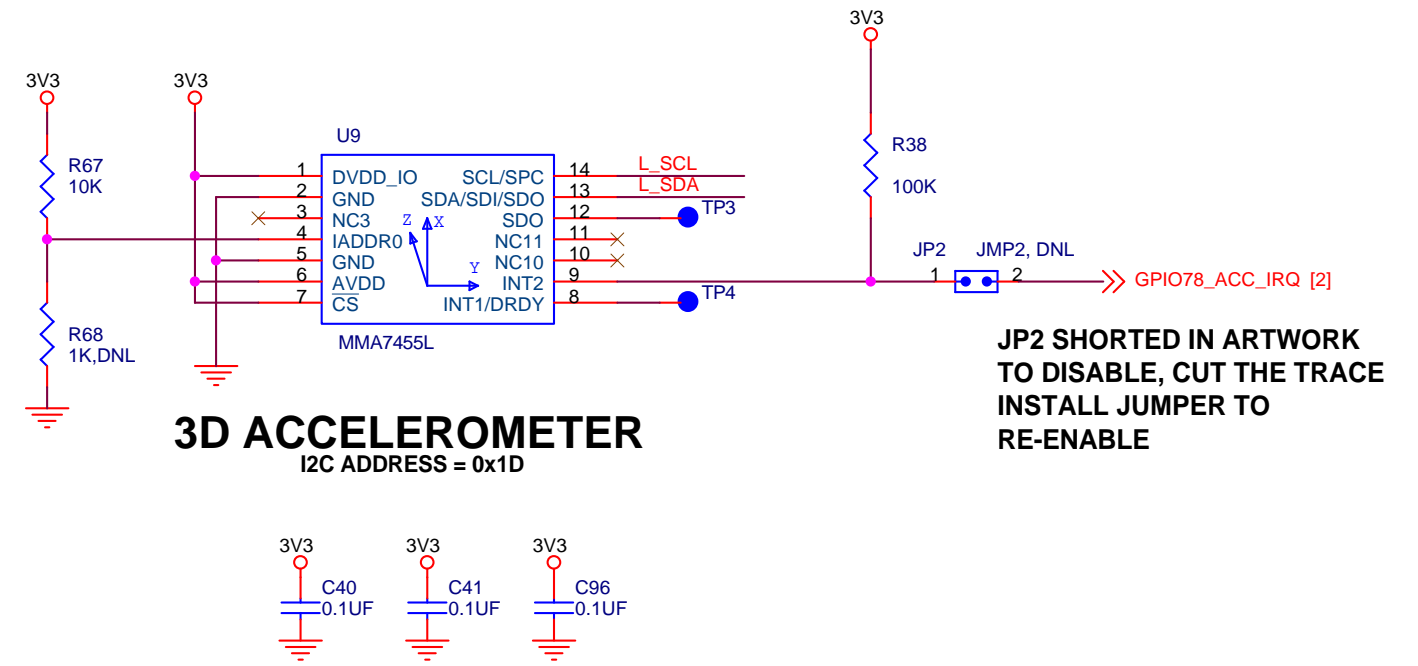
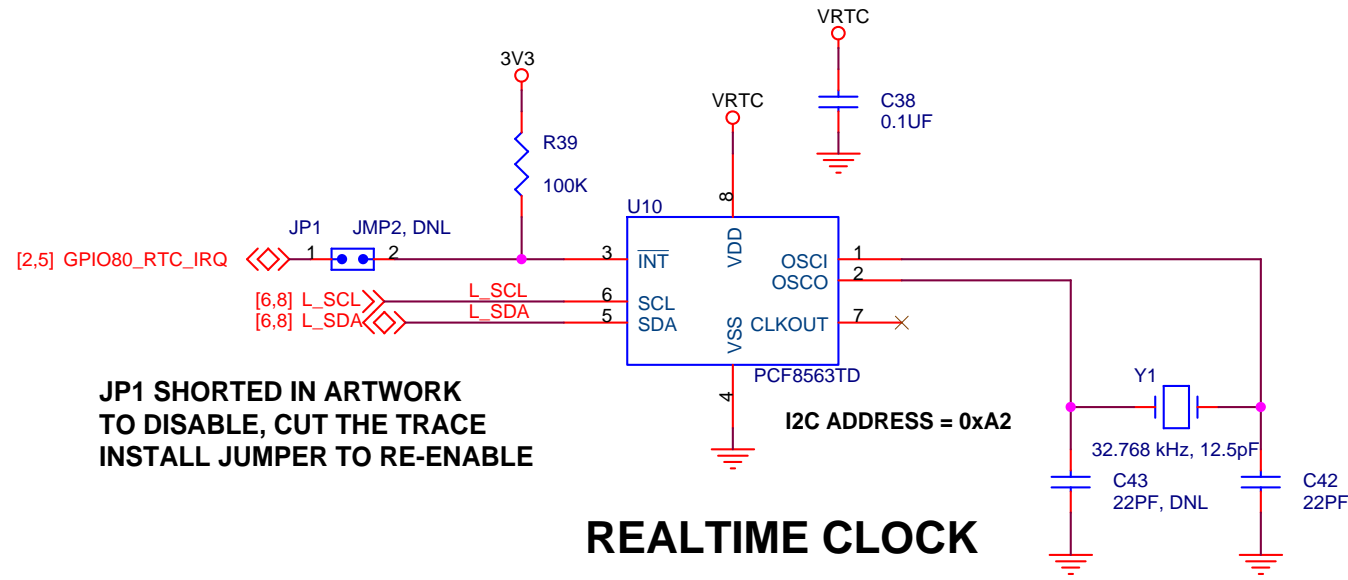
MICROPHONE INPUT

I2S AUDIO INTF

**SPEAKER
16 OHM, 2.4KHZ**

HEADPHONE OUTPUT

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