

Notes:

- 1) Printed circuit board is controlled impedance.
- 2) Put multiple vias on Sonata's power pad for heat dissipation.
- 3) J6 and J8 to J19 are 2mm pitch and 0.8mm diameter.
- 4) Future revisions of the Phy will include TI's TLK100

DIFFERENTIAL PAIRS

PAGE 2 - 90 OHM

PG2_GPIO42
PG5_GPIO45

PAGE 3 - 90 OHM

M3_USB0DM
PG5_GPIO45

PAGE 7 - 100 OHM

TX+
TX-RX+
RX-

SCHEMATIC CONTENTS:

SH01 - TITLE
SH02 - CONCERTO
SH03 - USB H/D
SH04 - ISO JTAG USB
SH05 - PHY + MAG (SMSC)

REVISION STATUS OF SHEETS								OWN		DATE
REV	A	A	A	A	A	A	A	CHR		DATE
SH								ENGR		DATE
REV	A	A	A	A	A	A	A	ENGR-MGR		DATE
SH								QA		DATE
REV	A	A	A	A	A	A	A	MFG	NEXT ASSY	USED ON
SH								RLSE		DATE
APPLICATION										



Title: Concerto Control Card - F28M35xx

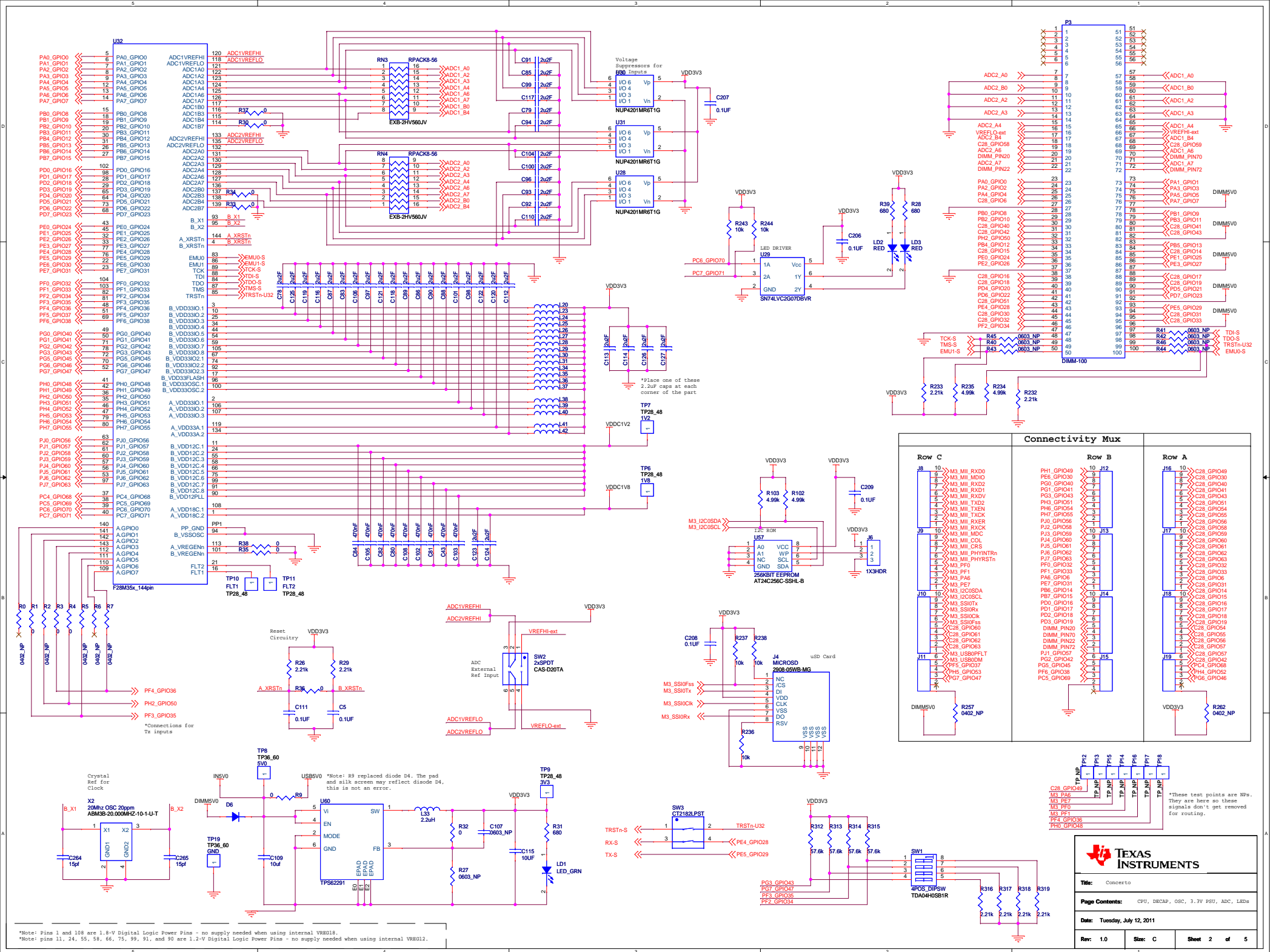
Page Contents: Layout info, schematic notes

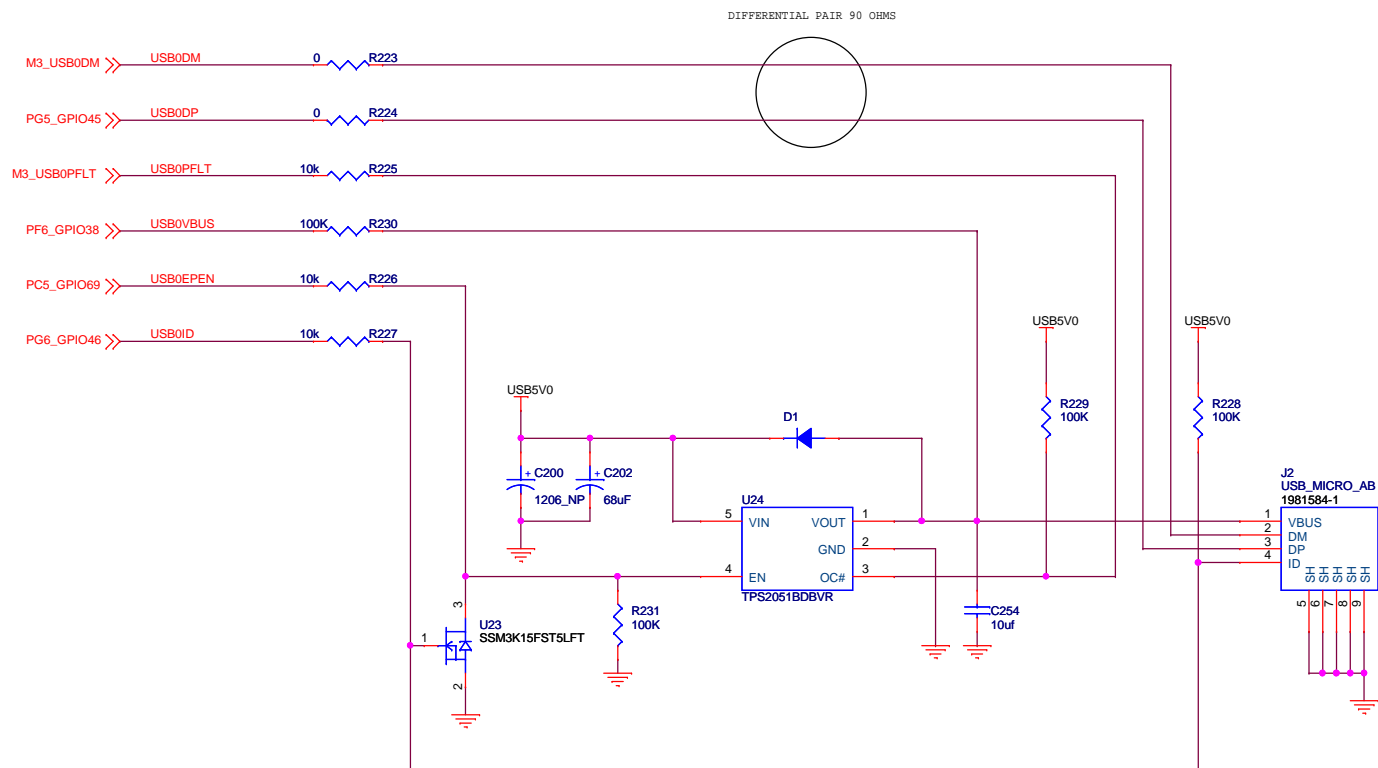
Date: Tuesday, July 12, 2011

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Title: USB H/D

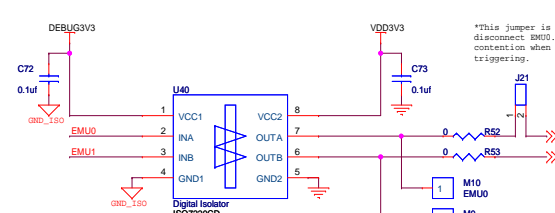
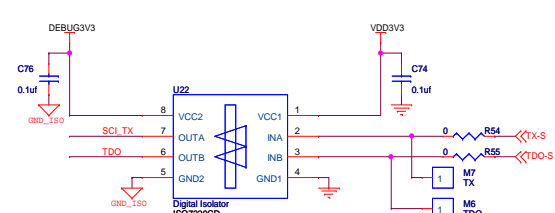
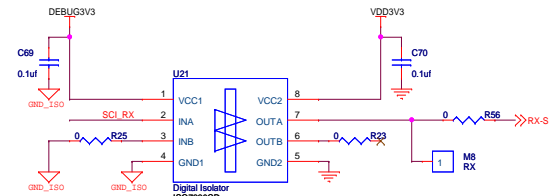
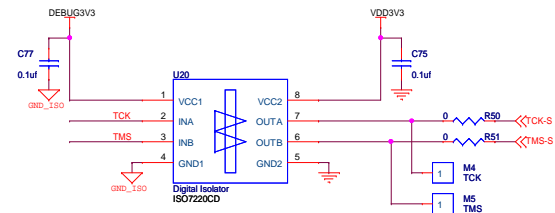
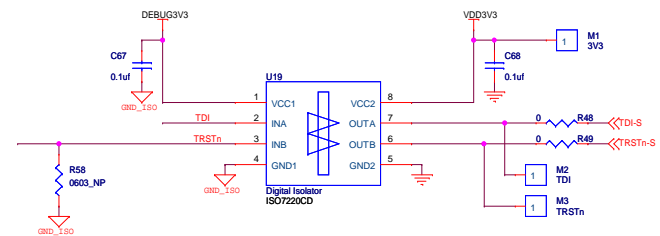
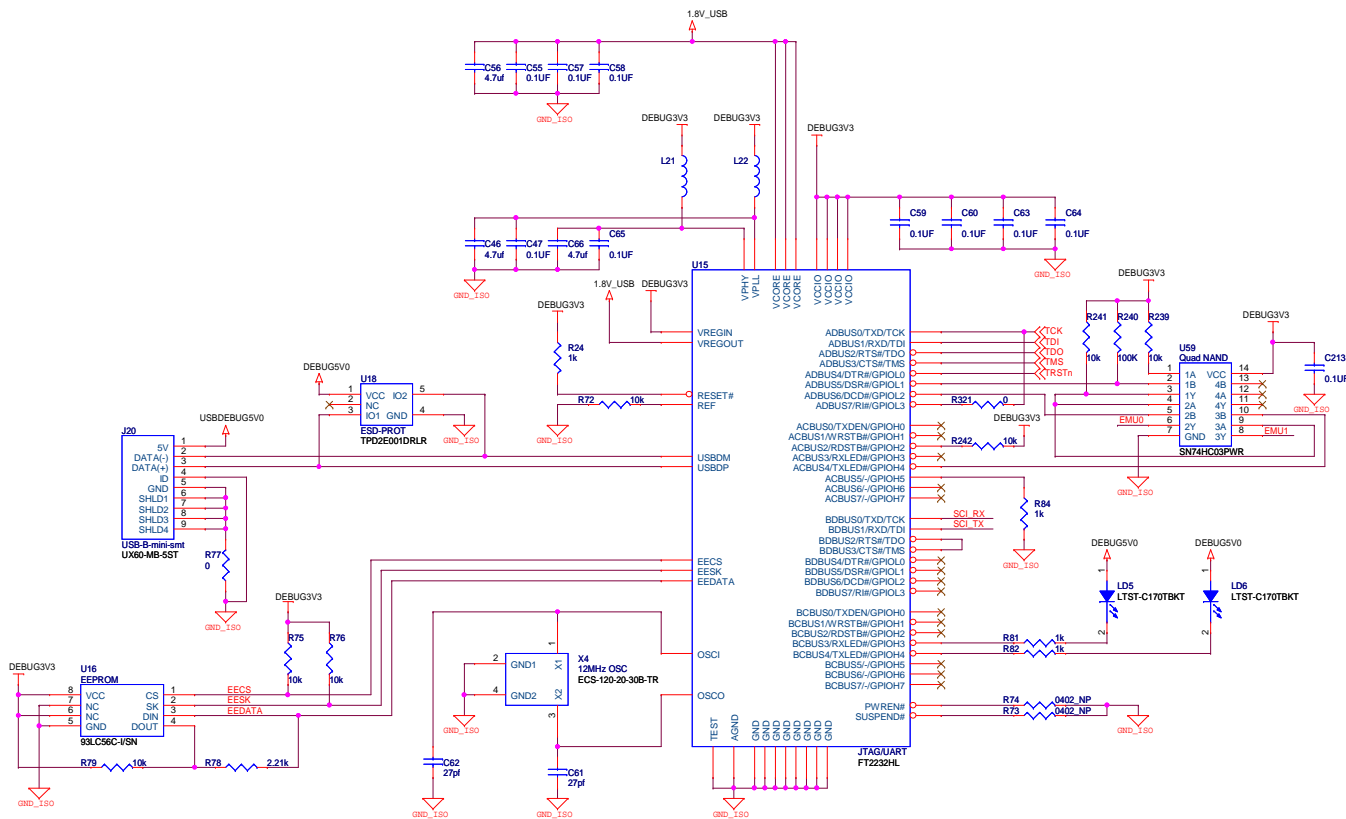
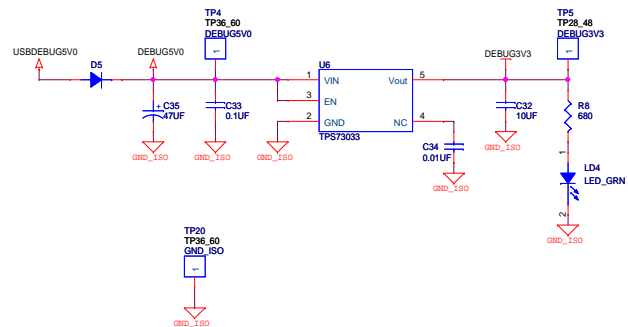
Page Contents: USB uAB Conn, USB Device Power Switch

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*This jumper is to disconnect EMU0. There is contention when cross triggering.

