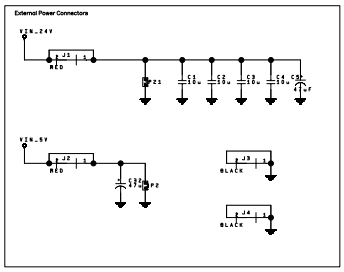
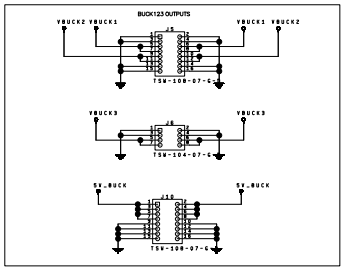
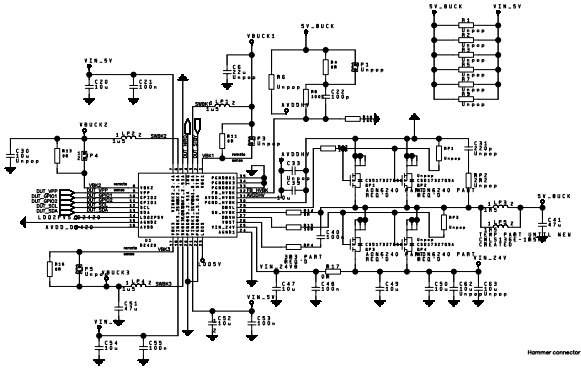
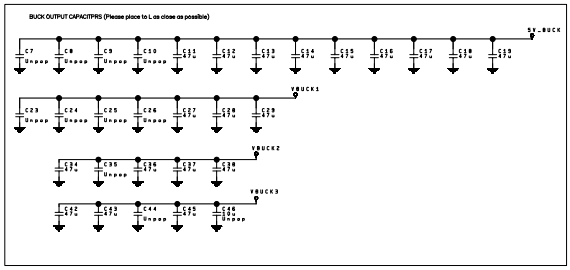
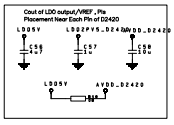
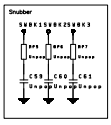

External Power Connectors
VIN_24V
J3
RED
J2
RED
J9
BLACK
J4
BLACK
VIN_5V

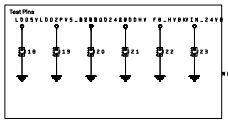

BUCK123 OUTPUTS
VBUCK2 VBUCK1
VBUCK1 VBUCK2
J6
TSW-104-07-G
VBUCK3
VBUCK3
J8
TSW-104-07-G
5V_BUCK
5V_BUCK
J10
TSW-108-07-G

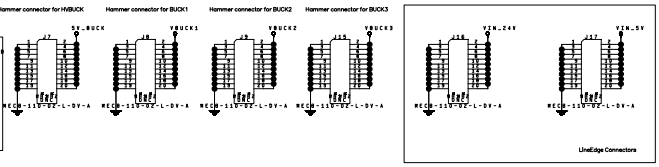

5V_BUCK
VBUCK1
VIN_5V
VBUCK2
VBUCK3
AVDD_DX420
VIN_24V

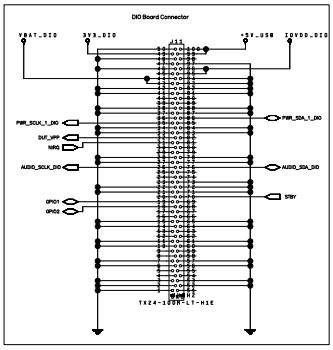

BUCK OUTPUT CAPACITRS (Please place to L as close as possible)
5V_BUCK
VBUCK1
VBUCK2
VBUCK3


Cout of LDO output/VREF_ Pin
Placement Near Each Pin of DX420
LD05V
LD02PY5_DX420
AVDD_DX420

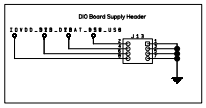

Snubber

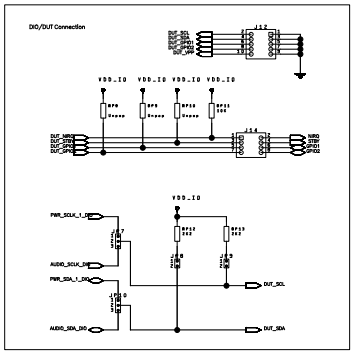

Test Pins

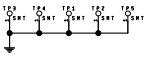

Hammer connector for HVBUCK
Hammer connector for BUCK1
Hammer connector for BUCK2
Hammer connector for BUCK3
5V_BUCK
VBUCK1
VBUCK2
VBUCK3
VIN_24V
VIN_5V
LineEdge Connectors


DIO Board Connector
VBAT_DIO
3V3_DIO
+5V_USB
IOVDD_DIO
PWR_SCLK_1_DIO
PWR_SDA_1_DIO
DUT_VPP
NIRQ
AUDIO_SCLK_DIO
AUDIO_SDA_DIO
GPO1
GPO2
STBY
TX24-120M-LT-HSE

IO Power
IOVDD_DIO


DIO Board Supply Header
IOVDD_DIO_VBAT_+5V_USB


DIO/DUT Connection
VDD_IO
PWR_SCLK_1_DIO
AUDIO_SCLK_DIO
PWR_SDA_1_DIO
AUDIO_SDA_DIO
DUT_SCL
DUT_SDA


TP3
TP4
TP1
TP2
TP5
SMT