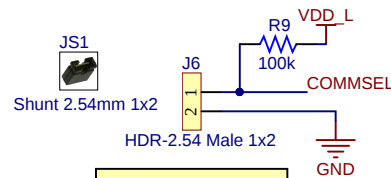
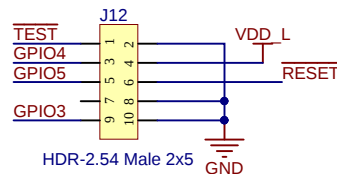
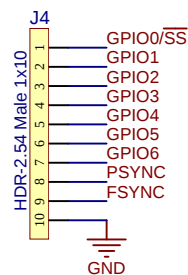


JTAG

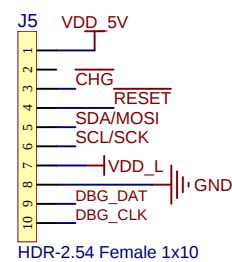


Comms Select
(VDD=I2C; GND=SPI)
Default I2C
Fit JS1 to enable SPI

GPIOs

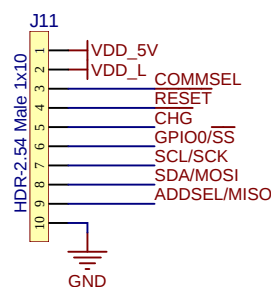


USB Bridge Board

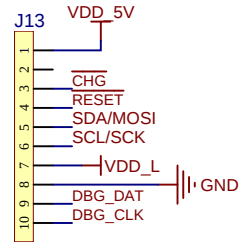


HDR-2.54 Female 1x10

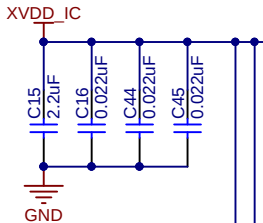
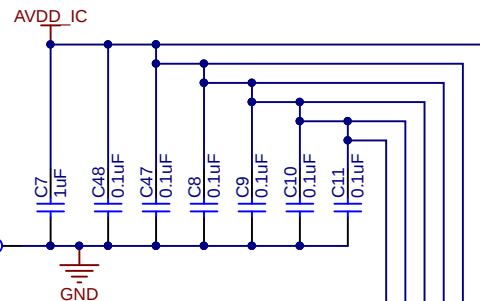
SPI



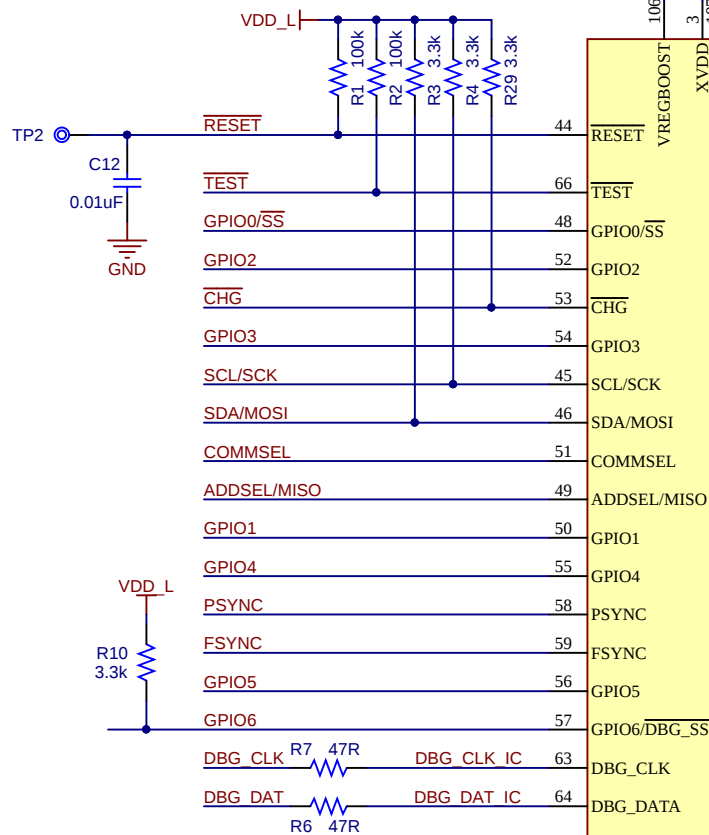
Optional Connector From USB Bridge Board



HDR-2.54 Male 1x10
DNP



TP21 VREGBOOST

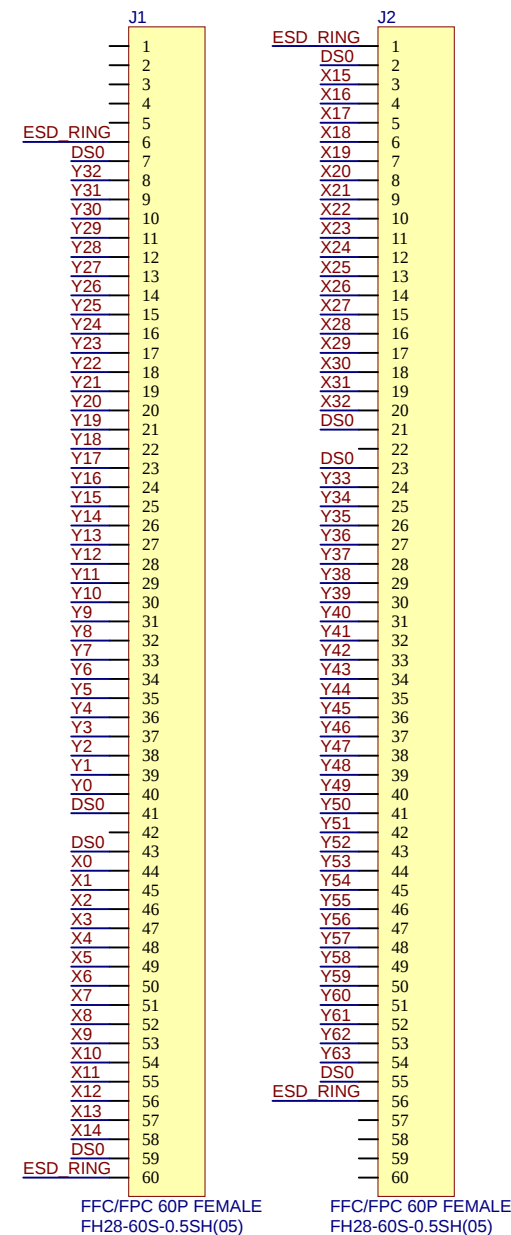


U1
ATMXT2113TDAT LQFP-144

TP3 X0
TP5 X1
TP11 X31
TP15 X32
TP17 DS0

TP4 Y0
TP10 Y1
TP12 Y62
TP14 Y63

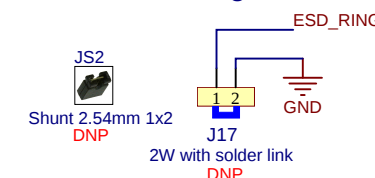
Sensor FPC Connectors



FFC/FPC 60P FEMALE
FH28-60S-0.5SH(05)

FFC/FPC 60P FEMALE
FH28-60S-0.5SH(05)

ESD Ring



Break solder link to disconnect
ESD Ring from GND.
Fit header only if required
for testing.

Drawn By:
Patrick Cassidy

Engineer:
Patrick Cassidy

PartNumber:
10932-1

Sheet Title
ATMXT2113TD-AT EVK I2C Control Board

Size A3
SCH #: 03-10932-1
PCB #: 04-10932

File: 10932_01.SchDoc



Project Title
ATMXT2113TD-AT EVK I2C Control Board

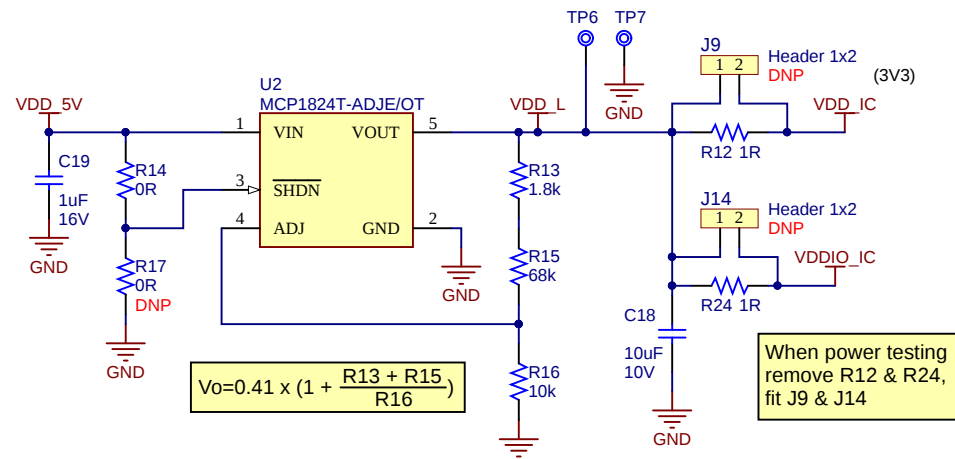
Variant: 10932-1
Rev:2
Date: 21/05/2020

Rev:2
Sheet 1 of 2

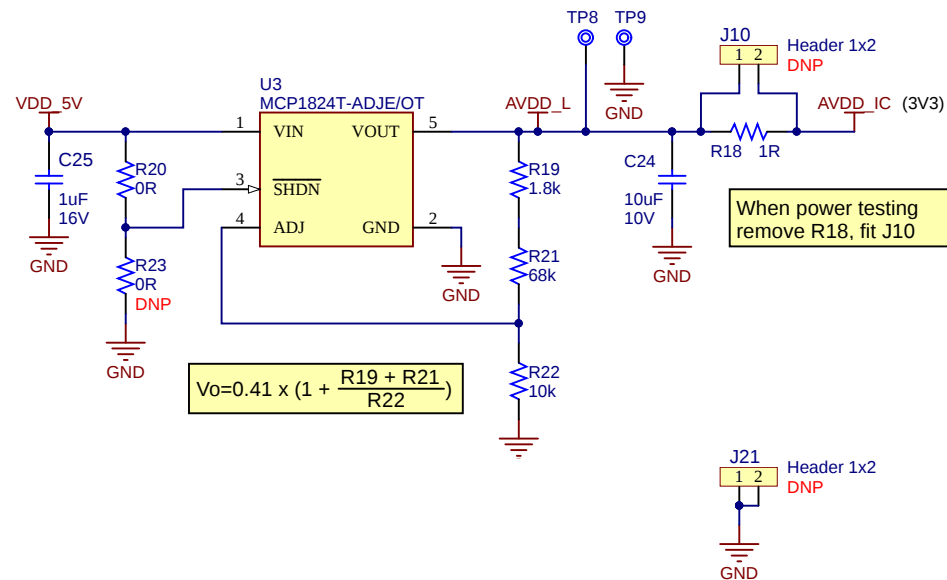
Designed with
Altium

Altium.com

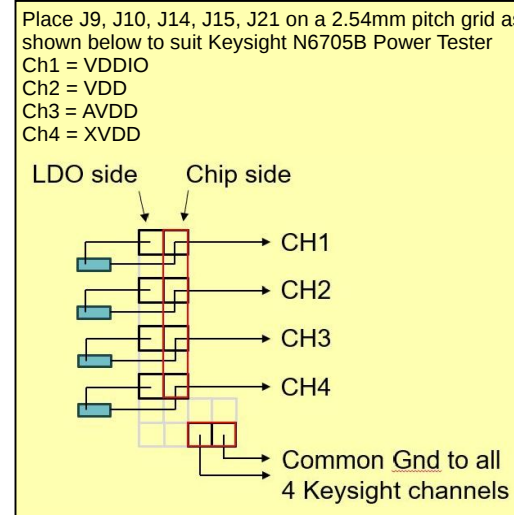
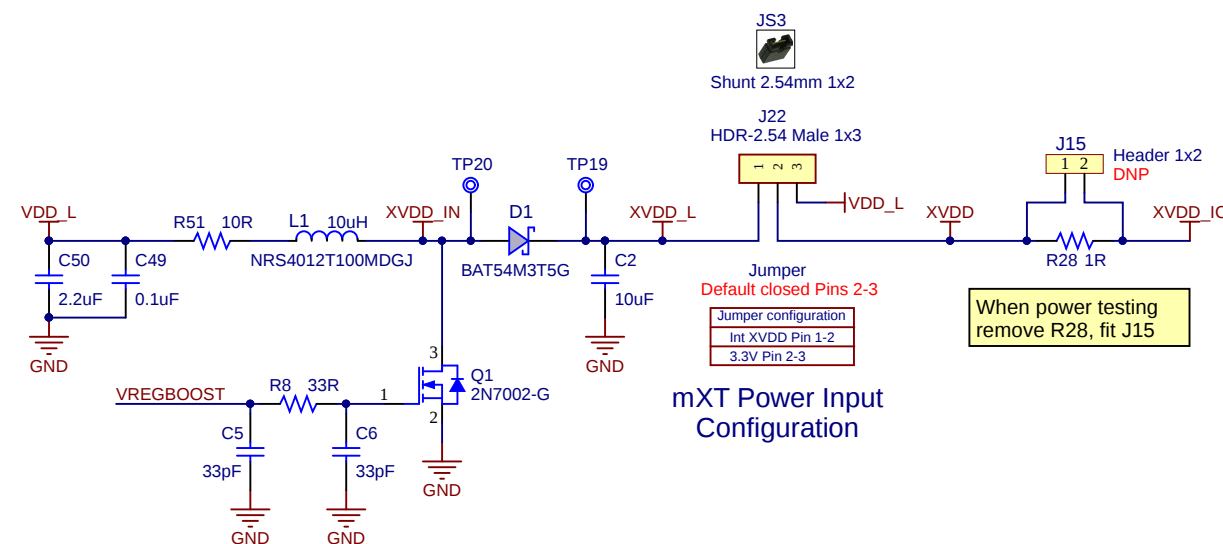
Digital Supply



Analogue Supply



High Voltage Supply



Drawn By: Patrick Cassidy		 MICROCHIP	
Engineer: Patrick Cassidy			
PartNumber: 10932-1	Project Title	Variant: 10932-1	
ATMXT2113TD-AT EVK I2C Control Board		ATMXT2113TD-AT EVK I2C Control Board	
Sheet Title		Designed with	
ATMXT2113TD-AT EVK I2C Control Board			
Size A3	SCH #: 03-10932-1	Rev:2	Date: 21/05/2020
	PCB #: 04-10932	Rev:2	Sheet 2 of 2
File: 10932_02.SchDoc		Altium.com	