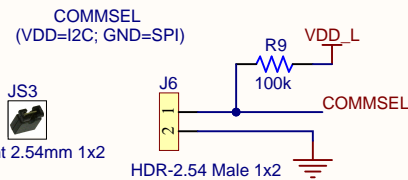
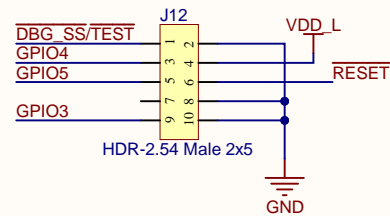
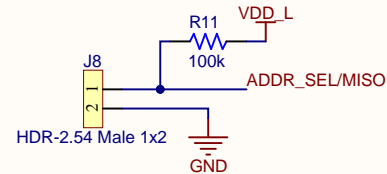


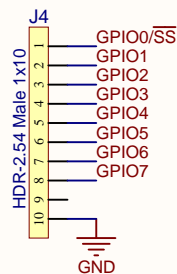
## JTAG



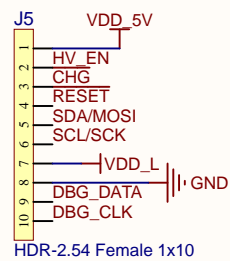
Fit JS3 to enable SPI



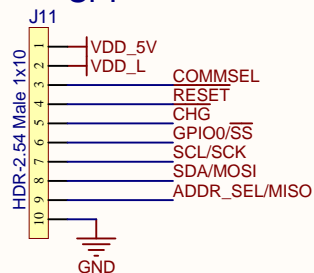
## GPIOs



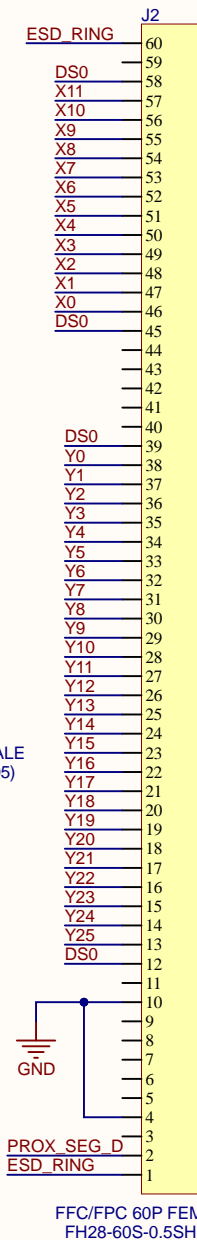
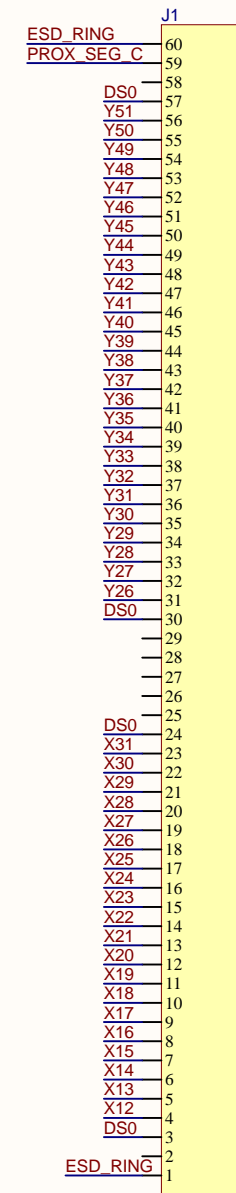
## USB Bridge Board



## SPI

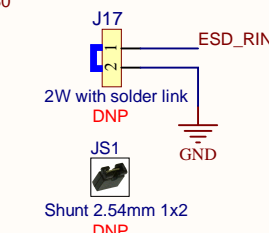


## FFC Connectors



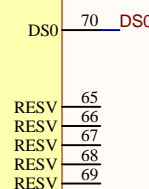
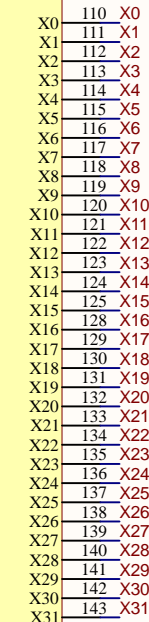
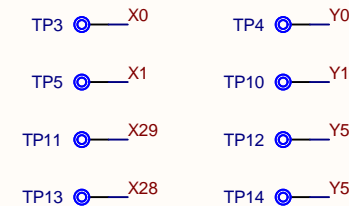
FFC/FPC 60P FEMALE  
FH28-60S-0.5SH(05)

## ESD Ring




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

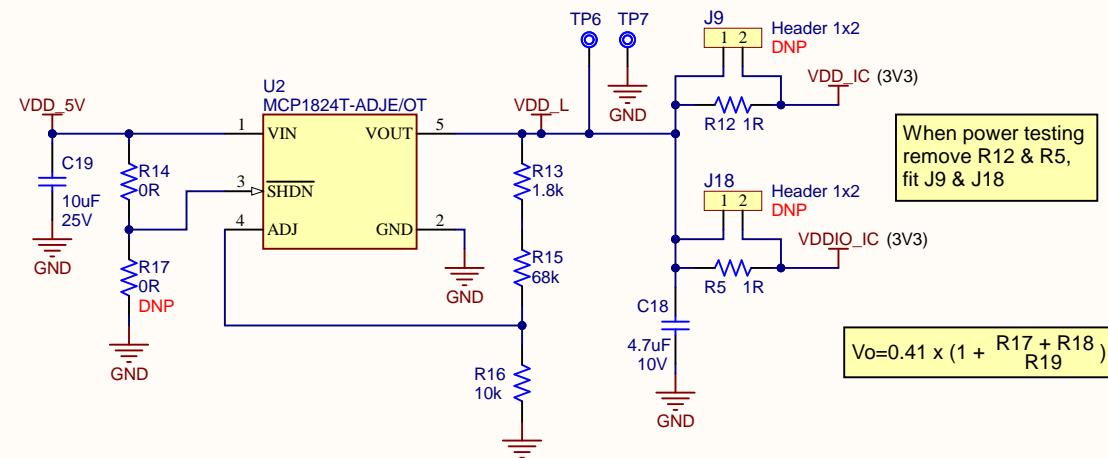
FFC/FPC 60P FEMALE  
FH28-60S-0.5SH(05)



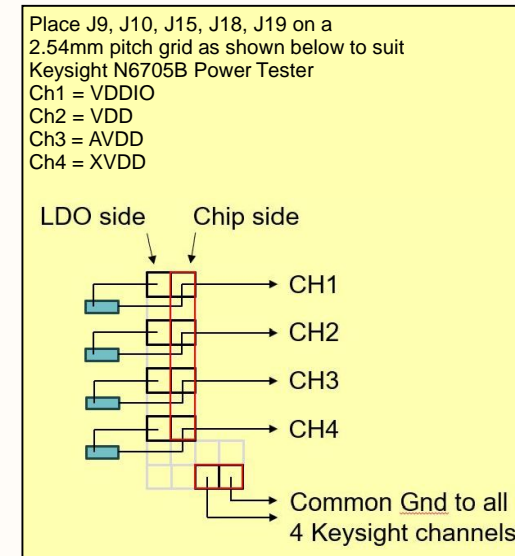
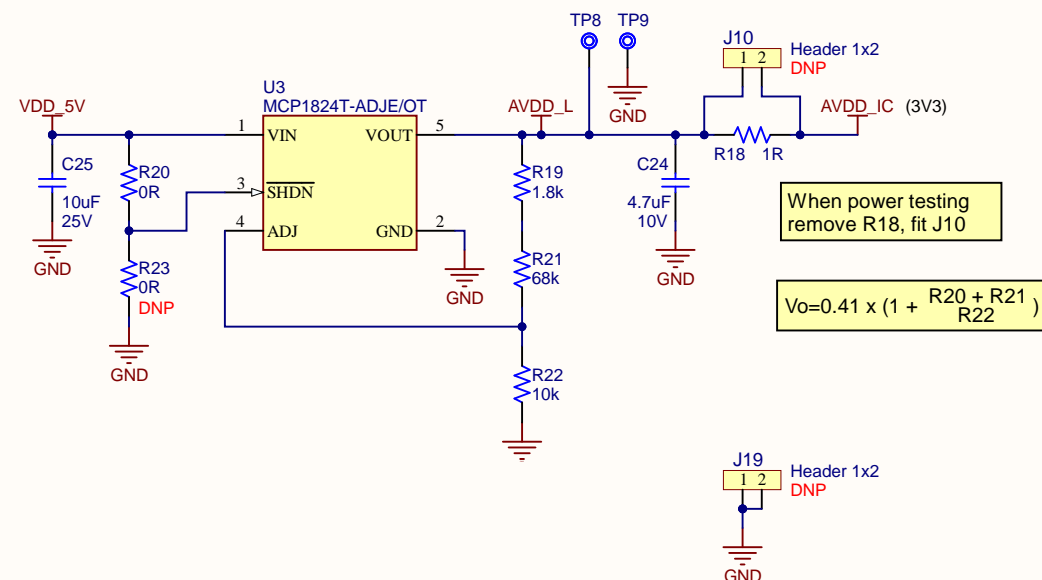
U1  
ATMXT1665TD-ATSPI LQFP-144

Drawn By: Patrick Cassidy		 <b>MICROCHIP</b>	
Engineer: Patrick Cassidy			
PartNumber: 10972-6	Project Title <b><i>mXT1665TD-AT SPI EVK Control Board</i></b>		
Sheet Title <b>mXT1665TD-AT SPI EVK Control Board</b>		Designed with  <b>Altium.com</b>	
Size A3	Sch #03-10972-6	Date: 06/03/2020 12:47:15	Sheet 1 of 2
	Revision: 1.1		
File: 10972_01.SchDoc			

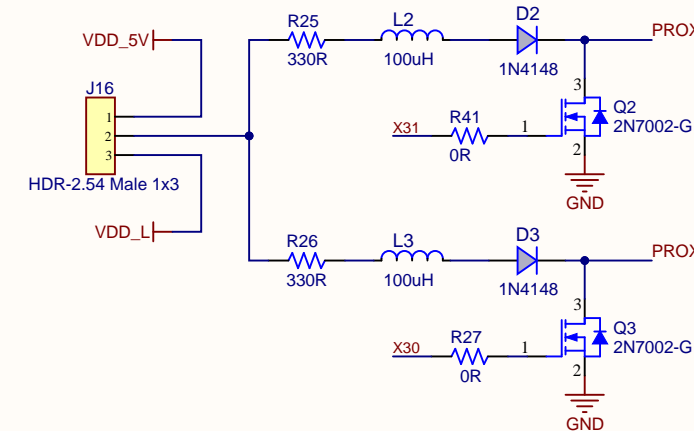
## Digital Supply



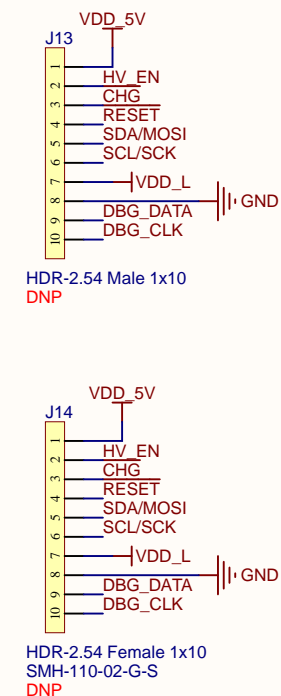
## Analogue Supply



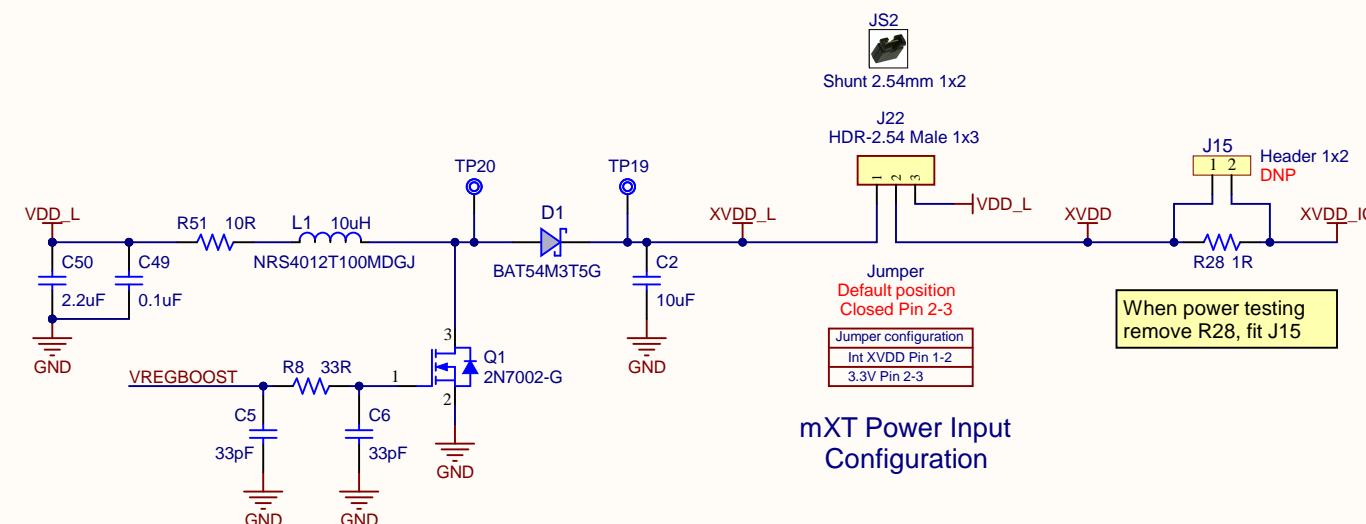
## Prox



## Optional Connectors From USB Bridge Board



## High Voltage Supply



## mXT Power Input Configuration

Drawn By: Patrick Cassidy		 <b>MICROCHIP</b>	
Engineer: Patrick Cassidy			
PartNumber: 10972-6		Project Title <b><i>mXT1665TD-AT SPI EVK Control Board</i></b>	
Sheet Title <b>mXT1665TD-AT SPI EVK Control Board</b>			
Size A3	Sch #03-10972-6		Date: 06/03/2020 12:47:15
	Revision: 1.1		Sheet 2 of 2
File: 10972_02.SchDoc			
			Designed with  <a href="http://Altium.com">Altium.com</a>