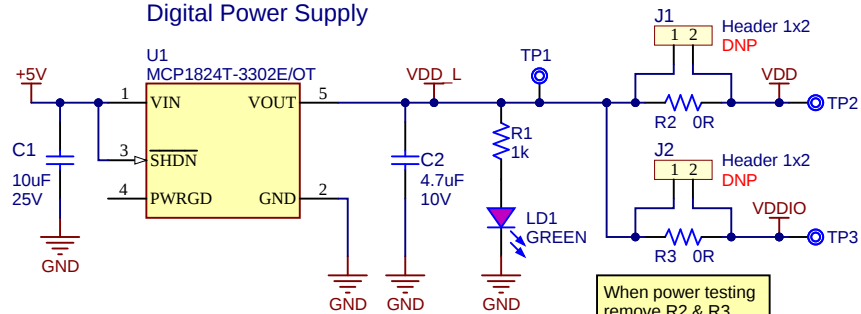
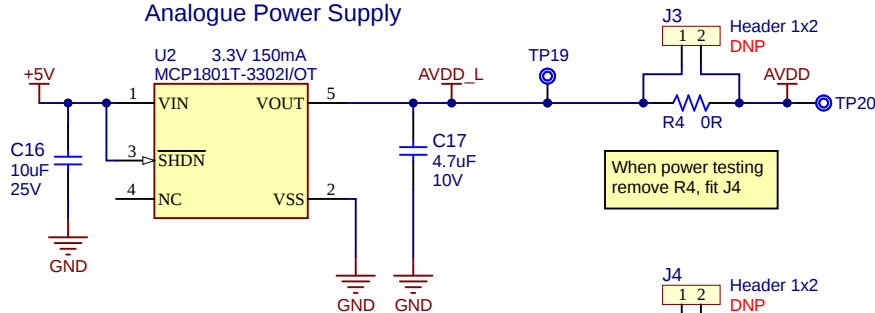


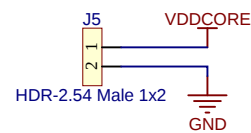
Digital Power Supply



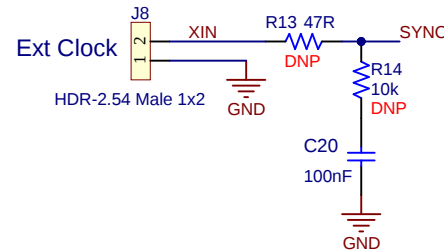
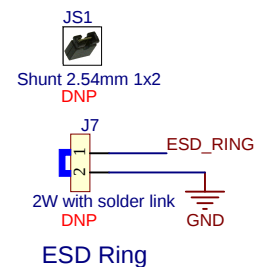
Analogue Power Supply



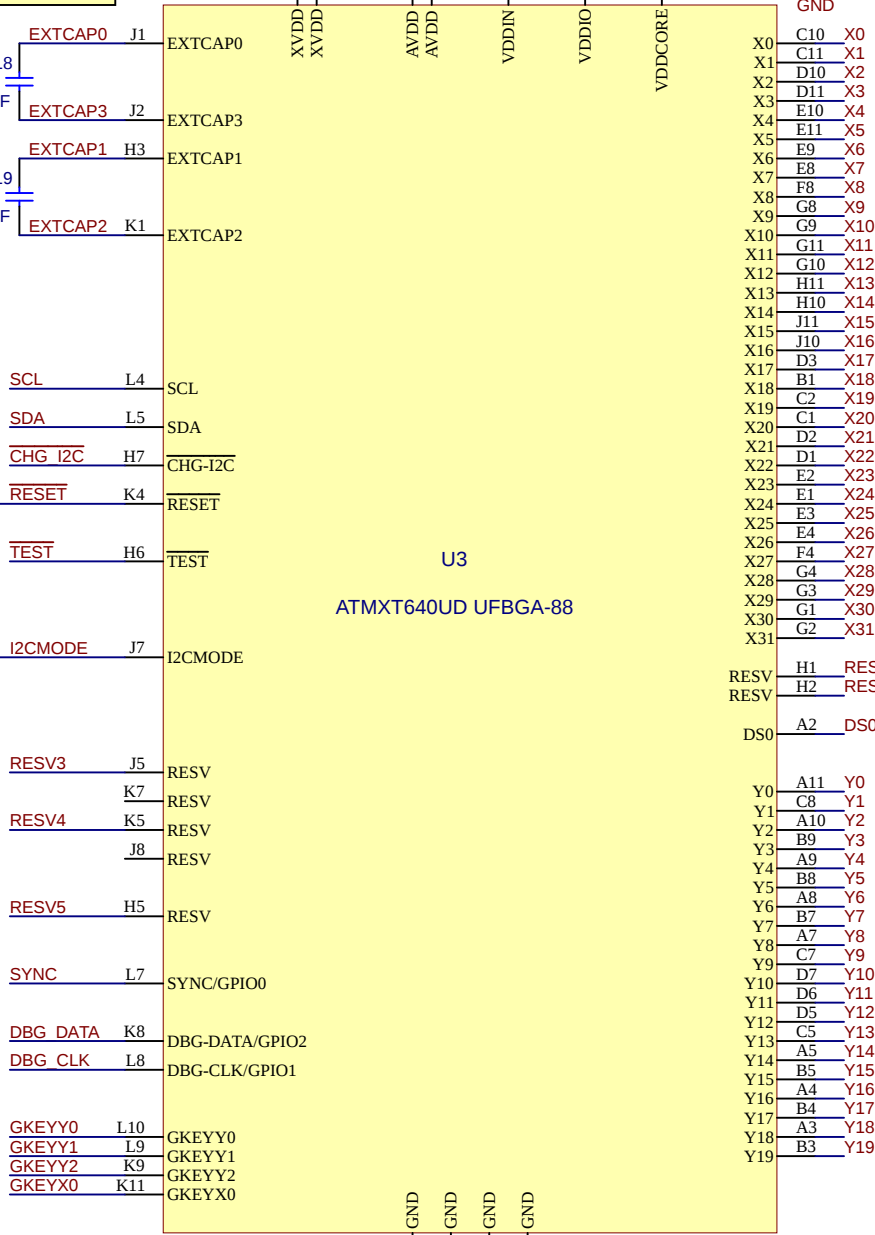
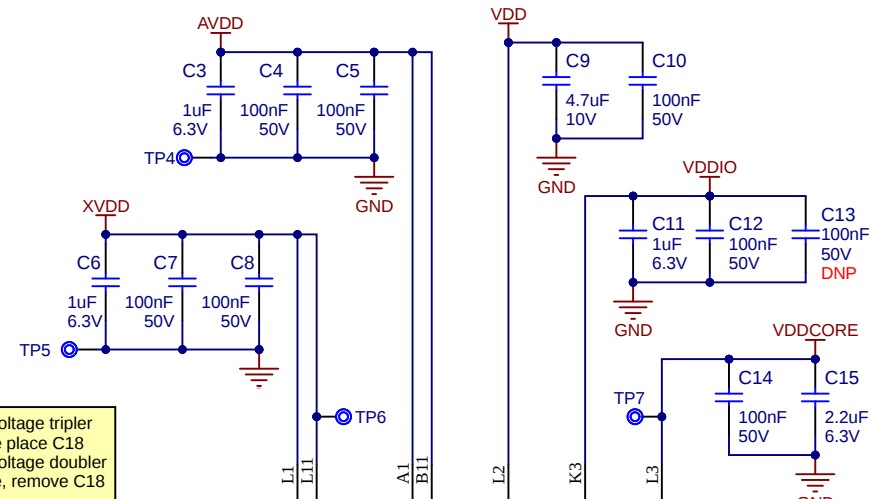
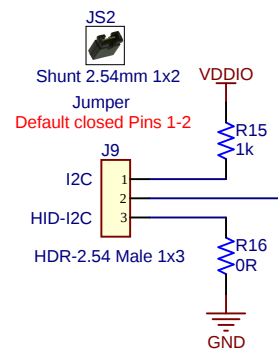
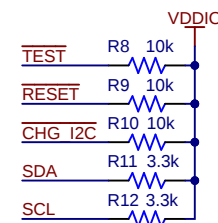
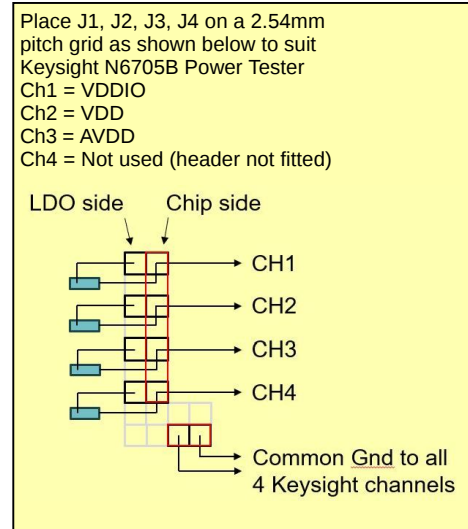
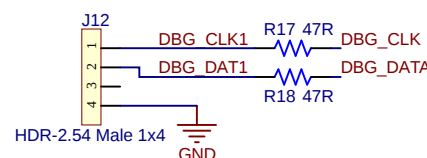
Ext VDDCORE Supply



Star point to connect ESD ring to GND flood. Fit near HSBB connector. Break solder link to disconnect ESD Ring from GND. Fit header only if required for testing.



SPI Debug



Y0 TP8
Y1 TP9
Y18 TP10
Y19 TP11
DS0 TP12
X0 TP13
X1 TP14
X28 TP15
X29 TP16
X30 TP17
X31 TP18

ESD_RING DS0 80
DS0 79
DS0 78
DS0 77
DS0 76
DS0 75
DS0 74
DS0 73
DS0 72
DS0 71
DS0 70
DS0 69
DS0 68
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DS0 6
DS0 5
DS0 4
DS0 3
DS0 2
DS0 1

CONN FFC BOTTOM 80POS 0.50MM R/A
FH28H-80S-0.5SH(05)

Project Owner: Patrick Cassidy			
PCB Layout Contact: Patrick Cassidy			
PartNumber: 00227	Project Title mXT640UD EVK Control Board	Variant: [No Variations]	
Sheet Title ATMXT640UD EVK Control Board			
Size A3	SCH #: 03-00227	Rev: 1	Date: 19/02/2021
File: 00227.SchDoc		Rev: 1	Sheet 1 of 1
Designed with 			Altium.com