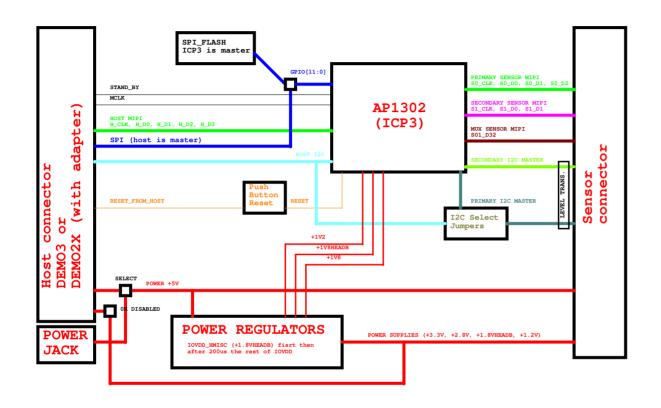
## AP1302\_ICP3\_120VFBGA\_DEMO

Page	Description		
1	Title		
2	Block Diagram		
3	Power Supplies		
4	Connector to Host (Demo3 Baseboard)		
5	AP1302 Signals		
6	AP1302 Powers		
7	AP1302 GPIOs		
8	Connector to Sensors (Demo3 Headboards)		

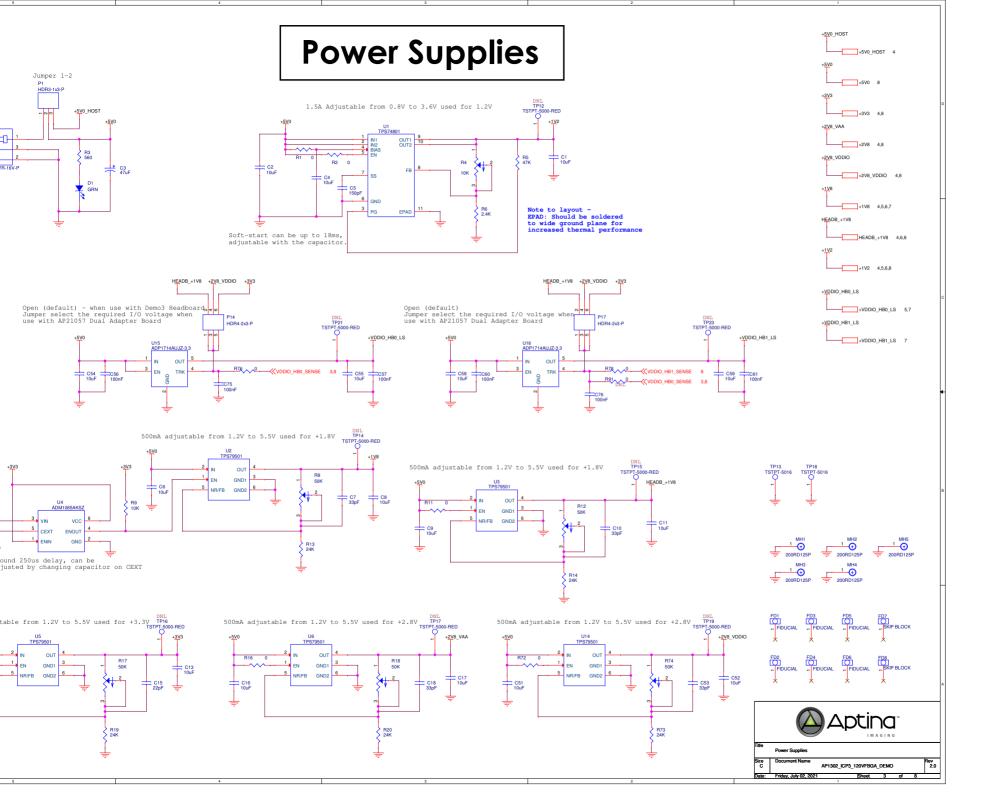
Rev	Who	Date	Description	
Rev 0.0	Joe KK	02/14/12	Initial - Derive from AP1300_ICP2_Demo_Rev1 design	
Rev 1.0	dmincinski	07/09/2013	Reassigned the Flash Pin to P20, S1_SDA to P24 and S1_SCL to P22. Added SP0 to P27 and Head_SSN to P34.	
Rev 2.0	Sesha	02July2021	Based on Rev0, GPIO table in Page7 is updated with correct reset values	

	Aptina"						
Title	<title>&lt;/th&gt;&lt;/tr&gt;&lt;tr&gt;&lt;th&gt;Size&lt;br&gt;C&lt;/th&gt;&lt;th&gt;Document Name AP1302_ICP3_120VFBGA_DEMO 2.0&lt;/th&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Date:&lt;/td&gt;&lt;td&gt;Friday, July 02, 2021 Sheet 1 of 8&lt;/td&gt;&lt;/tr&gt;&lt;/tbody&gt;&lt;/table&gt;</title>						

#### **Block Diagram**

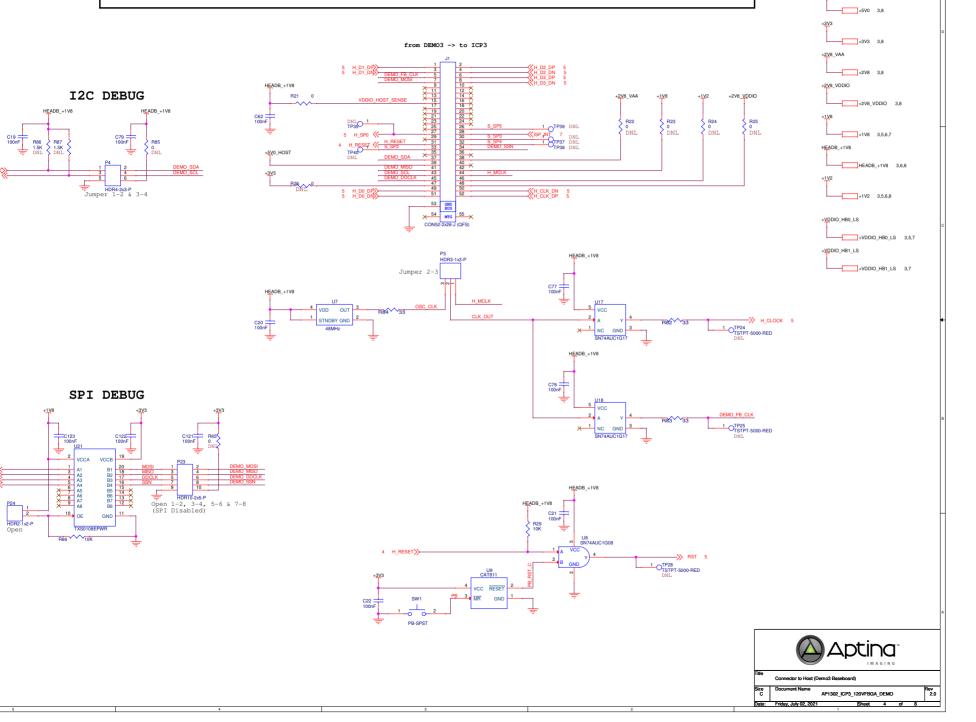




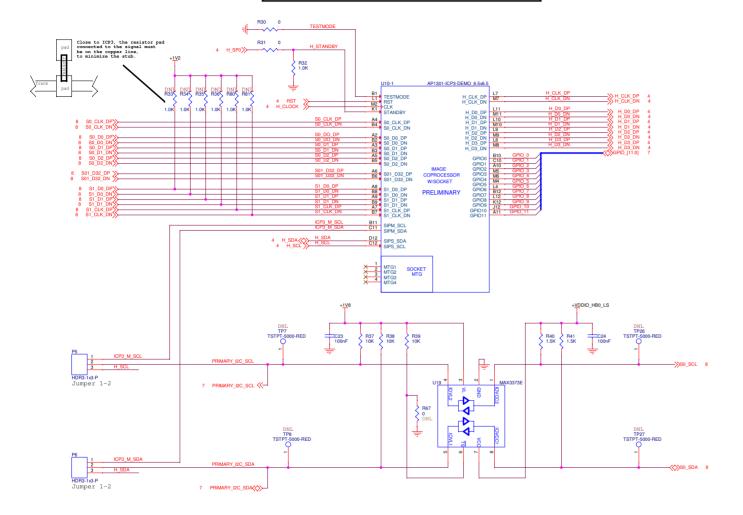


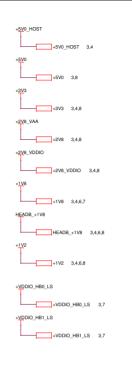
# Connector to Host (Demo3 Baseboard)

+5V0\_HOST 3



# **AP1302 Signals**

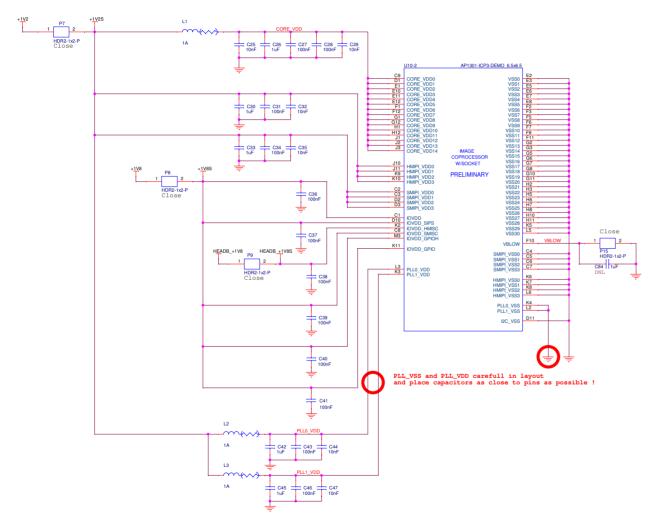


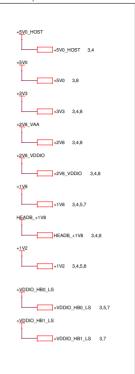




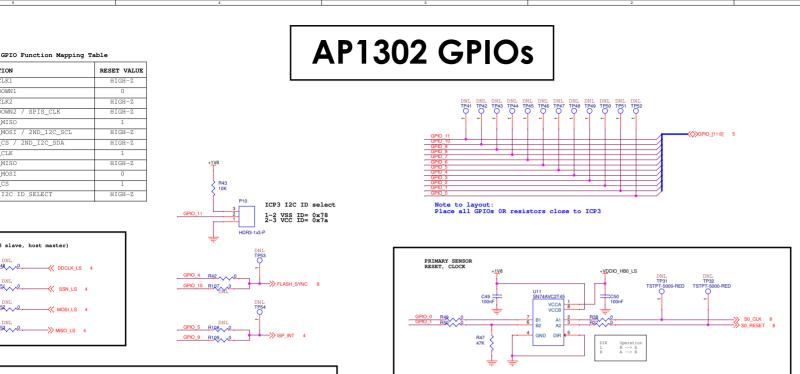
#### **AP1302 Powers**

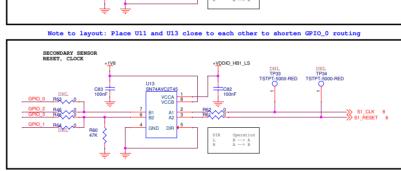
Place the jumpers close to power supplys and the capacitors as close to ICP2 as possible.

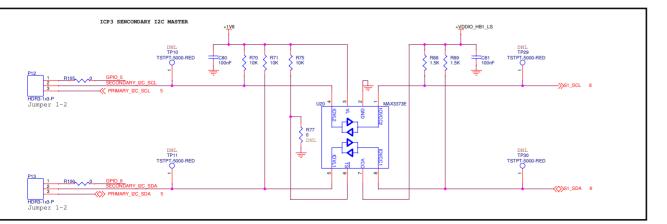












ICP3 is SPI master

MX25U4035MI-25G

SI/SIO0 RESET/HOLD/SIO3



+5V0\_HOST

+2V8 VDDIO

+5V0\_HOST 3,4

+3V3 3,4,8

+2V8 3,4,8

+2V8 VDDIO 3,4,8

HEADB\_+1V8 3,4,6,8

+1V2 3,4,5,6,8

+VDDIO\_HB0\_LS 3,5

+VDDIO\_HB1\_LS 3

+VDDIO\_HB1\_LS

+1V8 3,4,5,6

## Connector to Sensors (Demo3 Headboards)

