3.3V +5V

PIN20X2

J1

JP2 CS_2MM

JP1 CS_1MM

MOSI
MISO
SCLK

DIO1
DIO2
DIO3

RST
DIO4

GND GND

VDD VDD

J2
ADIS1648X/49X/54X

DIO4   DIO4   DIO3   DIO3
MISO   DOUT   SCLK   SCLK
CS_1MM   CS   DIN   MOSI
RST   RST   DIO1   DIO1
            VDD   DIO2   DIO2
            VDD   VDD
            GND   GND
            DNC   GND
            DNC   DNC
            DNC   DNC
            DNC   DNC
            DNC   VDDRTC

GND GND

+5V U1
ADM7172ACPZ-3.3-R7

+5V 3.3V VDD
JP3
J4
3
2
1

VIN VOUT
VIN VOUT
     SENSE
EN GND SS

C1   C3   C2   C4
10uF   1uF   10uF 1uF
6*2

GND

VDD VDD

J3

RST   RST   SCLK   SCLK
CS_2MM CS   MISO   MISO
        NC   MOSI   MOSI
        GND   TCK
        TDI   VDD
        TMS   VDD
DIO1   DIO0   DIO1   DIO2
DIO3   TDO   NC   DIO4

GND GND

JP1: 48x,49x,54x CS Selector
JP2: 47x, 50x CS Selector
JP3: VDD Selector (3.3V Default)

Project: IMU Raspberry Pi Breakout RevB

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REV:
B

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U2

9/25/2020 4:17 PM f=0.93 C:\Users\Juan\Nextcloud\Eagle\projects\ADI\IMU Raspberry Pi Breakout\IMU Raspberry Pi Breakout RevB.sch (Sheet: 1/1)