FID1 FIDUCIAL
FID2 FIDUCIAL
FID3 FIDUCIAL
FID4 FIDUCIAL

MH1 MOUNTING_HOLE_4-40
MH2 MOUNTING_HOLE_4-40
MH3 MOUNTING_HOLE_4-40
MH4 MOUNTING_HOLE_4-40

TEENSY1
TEENSY_4.1

GND	GND	GND	Vin_(3.6_to_5.5_V)	V_IN	
	0	D0/RX1/CRX2/PWM			
	1	D1/TX1/CTX2/PWM	3.3v_(250_mA_max)	3V3	VAA
INT1_2	2	D2/OUT2/PWM	D23/A9/CRX1/MCLK1/PWM	23	
INT2_2	3	D3/LRCLK2/PWM	D22/A8/CTX1/PWM	22	CS_5
CS_2	4	D4/BCLK2/PWM	D21/A7/RX5/BCLK1	21	INT2_5
INT1_1	5	D5/IN2/PWM	D20/A6/TX5/LRCLK1	20	INT1_5
INT2_1	6	D6/OUT1D/PWM	D19/A5/SCL0/PWM	19	CS_4
CS_1	7	D7/RX2/OUT1A/PWM	D18/A4/SDA0/PWM	18	INT2_4
INT1_0	8	D8/TX2/IN1/PWM	D17/A3/TX4/SDA1	17	INT1_4
INT2_0	9	D9/OUT1C/PWM	D16/A2/RX4/SCL1	16	CS_3
CS_0	10	D10/CS/MQSR/PWM	D15/A1/RX3/SIN/PWM	15	INT2_3
MOSI	11	D11/MOSI/PWM	D14/A0/TX3/SOUT/PWM	14	INT1_3
MISO	12	D12/MISO/MQSL/PWM	D13/LED/SCK/PWM	13	SCK
INT1_8	24	D24/A10/TX6/SCL2/PWM	D41/A17	41	CS_11
INT2_8	25	D25/A11/RX6/SDA2/PWM	D40/A16	40	INT2_11
CS_8	26	D26/A12/MOSI1	D39/A15/MISO1/OUT1A	39	INT1_11
INT1_7	27	D27/A13/SCK1	D38/A14/CS1/IN1	38	CS_10
INT2_7	28	D8/RX7/PWM	D37/CS/PWM	37	INT2_10
CS_7	29	D29/TX7/PWM	D36/CS/PWM	36	INT1_10
INT1_6	30	D30/CRX3	D35/TX8	35	CS_9
INT2_6	31	D31/CTX3	D34/RX8	34	INT2_9
CS_6	32	D32/OUT1B	D33/MCLK2/PWM	33	INT1_9

Sheet: detector_connector_0
VAA MOSI SCK CS_0 GND | MISO INT1_0 INT2_0
File: detector_connector.sch

Sheet: sheet60A16C98
VAA MOSI SCK CS_6 GND | MISO INT1_6 INT2_6
File: detector_connector.sch

Sheet: sheet60A05B0A
VAA MOSI SCK CS_1 GND | MISO INT1_1 INT2_1
File: detector_connector.sch

Sheet: sheet60A16CB2
VAA MOSI SCK CS_7 GND | MISO INT1_7 INT2_7
File: detector_connector.sch

Sheet: sheet60A0810C
VAA MOSI SCK CS_2 GND | MISO INT1_2 INT2_2
File: detector_connector.sch

Sheet: sheet60A16CCC
VAA MOSI SCK CS_8 GND | MISO INT1_8 INT2_8
File: detector_connector.sch

Sheet: sheet60A08126
VAA MOSI SCK CS_3 GND | MISO INT1_3 INT2_3
File: detector_connector.sch

Sheet: sheet60A16CE6
VAA MOSI SCK CS_9 GND | MISO INT1_9 INT2_9
File: detector_connector.sch

Sheet: sheet60A0BEFD
VAA MOSI SCK CS_4 GND | MISO INT1_4 INT2_4
File: detector_connector.sch

Sheet: sheet60A16D00
VAA MOSI SCK CS_10 GND | MISO INT1_10 INT2_10
File: detector_connector.sch

Sheet: sheet60A0BF17
VAA MOSI SCK CS_5 GND | MISO INT1_5 INT2_5
File: detector_connector.sch

Sheet: sheet60A16D1A
VAA MOSI SCK CS_11 GND | MISO INT1_11 INT2_11
File: detector_connector.sch

Janelia
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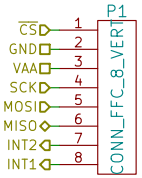
KiCad E.D.A. kicad 5.1.10-88a1d61d58~ubuntu20.10.1 | Id: 1/13



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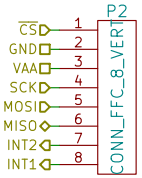

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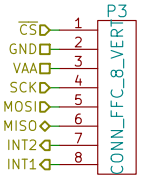

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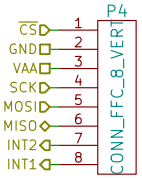

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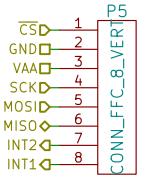

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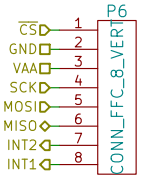

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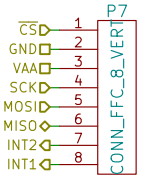

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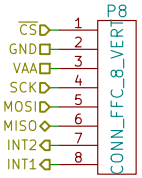

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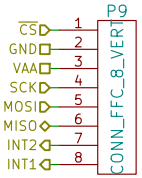

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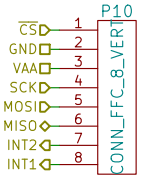

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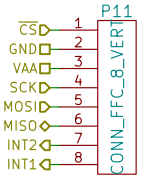

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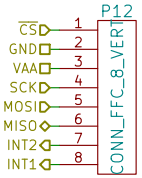

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