

Models 2453/2454 header pinouts

Headers P1, P2, P4, P5: FCI 98414-F06-16-LF.

Mating connectors:

board to board: FCI 55510-116LF,

board to wire: FCI 90311-016LF.

P1. Audio/video inputs/outputs.

Pin	Signal	Pin	Signal
1	Composite video output	2	Ground
3	Composite video input	4	Ground
5	Audio input, right channel	6	Ground
7	Audio input, left channel	8	Ground
9	Microphone bias	10	Ground
11	Microphone input	12	Ground
13	Audio output, right channel	14	Ground
15	Audio output, left channel	16	Ground

P2. SD card interface, GPIO, battery.

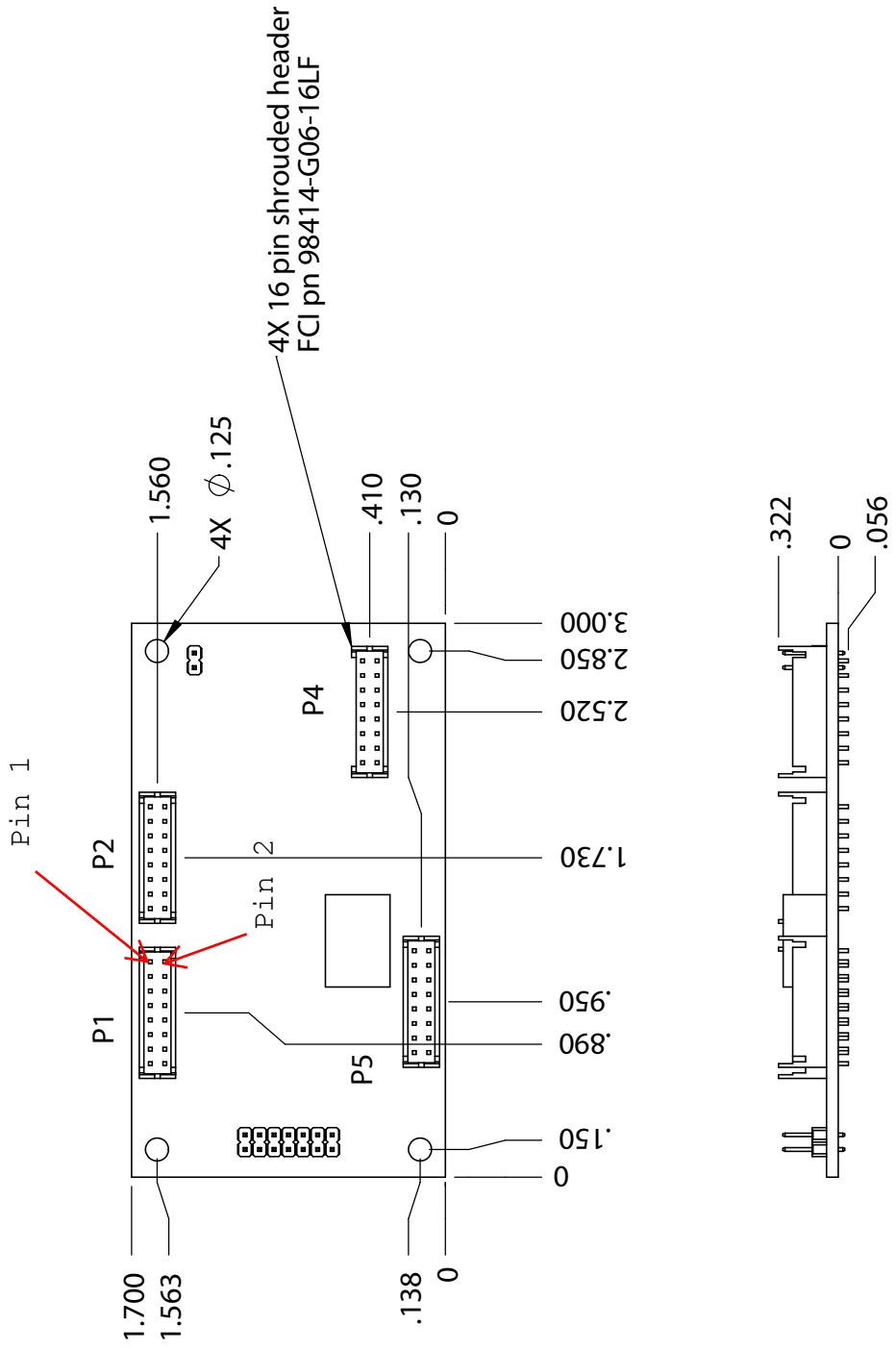
Pin	Signal	Pin	Signal
1	SD_Data[0]	2	SD_Data[1]
3	SD_CLK	4	Ground
5	SD_CMD	6	+3.3 V
7	SD_Data[2]	8	SD_Data[3]
9	GPI-C1	10	Ground
11	GPI-A	12	GPI-C
13	GPO-C	14	GPO-E
15	Ground	16	Battery “+” terminal

P4. Power, USB host interface.

Pin	Signal	Pin	Signal
1	+5 V	2	+5 V
3	+5 V	4	Ground
5	Ground	6	Ground
7	PWRGOOD	8	SAFEBOOT
9	N/C	10	BUTTON
11	N/C	12	Ground
13	USB DM	14	USB VBUS output
15	USB DP	16	Ground

P5. Ethernet, UART.

Pin	Signal	Pin	Signal
1	Ethernet TX+	2	Ethernet TX-
3	Ethernet RX+	4	Ethernet RX-
5	Ground	6	Ethernet LED0 cathode
7	+3.3 V	8	Ethernet LED1 cathode
9	RS-422 TX+	10	RS-422 TX-
11	RS-422 RX+	12	RS-422 RX-
13	Ground	14	Ground
15	RS-232 TX	16	RS-232 RX



DRAWN		NAME	DATE
CHECKED		T. Blanchard	8/25/2015
ENG APPR.			
MFG APPR.			
Q.A.			
COMMENTS:			
DIMENSIONS ARE IN INCHES			
TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ±.010 THREE PLACE DECIMAL ±.005			
MATERIAL			
FINISH			
DO NOT SCALE DRAWING			
WWW.SENSORAY.COM			
SIZE	DWG. NO.	REV.	
A	2454	0	
SCALE: 1:2	WEIGHT:	SHEET 1 OF 1	

SENSORAY CO. INC
 Model 2454
 IP Video Server

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