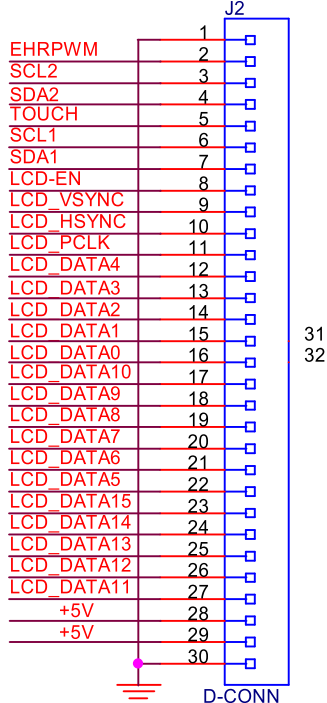
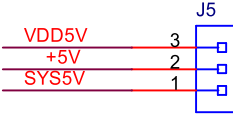
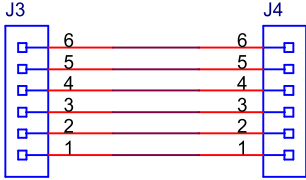
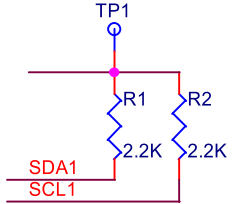
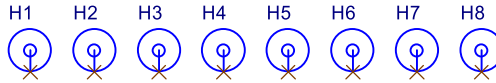


RASPBERRY	BEAGLE
UART1	UART4
UART4	UART1
UART5	UART5



MOUNTING HOLES



4D SYSTEMS DISPLAY

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BEAGLE P9		BEAGLE P8		RASPBERRY PI GPIO				BEAGLE P8		BEAGLE P9	
3.3V	3			3.3V	1	2	+5V		5	VDD	
SDA1	18			SDA1	3	4	+5V		6	VDD	
SCL1	17			SCL1	5	6	GND		1	GND	
		GPIO1_4	23	GPIO4	7	8	TX		13	UART4_TX	
GND	1	GND	1	GND	9	10	RX		11	UART4_RX	
		GPIO1_13	11	GPIO17	11	12	GPIO18		16	GPIO0_5	
		GPIO0_27	17	GPIO27	13	14	GND		43	GND	
		GPIO2_2	7	GPIO22	15	16	GPIO23	9	GPIO2_5		
3.3V	4			3.3V	17	18	GPIO24	5	GPIO1_2		
SPI1_D1	30			SPI_MOSI	19	20	GND		44	GND	
SPI1_D0	29			SPI_MISO	21	22	GPIO25		12	GPIO1_28	
SPI1_SCLK	31			SPI_CLK	23	24	SPI_CE0		28	SPI_CS0	
GND	2	GND	2	GND	25	26	GPIO07	4	GPIO1_7		
SDA2	21			SDA2	27	28	SCL2		19	I2C2_SCL	
		GPIO1_5	22	GPIO05	29	30	GND		45	GND	
		GPIO1_6	3	GPIO06	31	32	GPIO12	13	GPIO0_23		
		GPIO0_22	19	GPIO13	33	34	GND		46	GND	
GPIO0_3	19			GPIO19	35	36	GPIO16		15	GPIO1_16	
		GPIO0_26	14	GPIO26	37	38	GPIO20		23	GPIO1_17	
GND		GND	39	GND	39	40	GPIO21		25	GPIO3_21	

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RASPBERRY PI GPIO		BEAGLE P8	BEAGLE P9
PIN #	NAME	PIN #	PIN #
8	TXD1		24
10	RXD1		26
27	TXD2		21
28	RXD2		22
7	TXD3		N/A
29	RXD3		N/A
24	TXD4		13
21	RXD4		11
32	TXD5	37	
33	RXD5	38	

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