

BuyDisplay LCD to Caveatron PCB Pin Cross Reference			
Pin Name	Teensy Pin	PCB Interface Pin	BuyDisplay LCD Pin
GND	GND	1	1
VDD	3.3V	2	2
DB0	16	21	3
DB1	17	22	4
DB2	19	23	5
DB3	18	24	6
DB4	0	25	7
DB5	1	26	8
DB6	29	27	9
DB7	30	28	10
DB8	2	7	11
DB9	14	8	12
DB10	7	9	13
DB11	8	10	14
DB12	6	11	15
DB13	20	12	16
DB14	21	13	17
DB15	5	14	18
RS	23	4	25
WR	22	5	24
RD	3.3V	6	26
LCD_CS	3	15	23
LCD_RSET	4	17	21
LED+	3.3V	19	29
TP_DOUT	27	33	32
TP_DIN	26	31	34
TP_CLK	24	29	33
TP_CS	25	30	30
TP_BUSY	9	32	-
TP_IRQ	28	34	31

NOTE: The pin numbering pattern is different between the two displays. Review the manufacturer documentation first.