CMDS/EWMU/EWPI Driver
Functional Pinout for Teensy 3.6

PIN	FUNCTION	FUNCTION	PIN
GND			VIN
0	CMDS/EWMU JETTISON SWITCH		GND
1	CHARACTER DISPLAYS COLUMN DRIVER - COL 1		3.3V
2	CHARACTER DISPLAYS COLUMN DRIVER - COL 2	CMDS NOGO / EWPI PRI LED	23
3	CHARACTER DISPLAYS COLUMN DRIVER - COL 3	CMDS GO / EWPI UNK LED	22
4	CHARACTER DISPLAYS COLUMN DRIVER - COL 4	EWPI SEP BUTTON	21
5	CHARACTER DISPLAYS COLUMN DRIVER - COL 5	EWPI UNK BUTTON	20
6	CMDS/EWMU MWS SWITCH	EWPI PRI BUTTON	19
7	CMDS/EWMU JMR SWITCH	EWPI MD BUTTON	18
8	CMDS/EWMU CHARACTER DISPLAYS - BLANKING	EWPI CHARACTER DISPLAYS - BLANKING	17
9	CMDS/EWMU RWR SWITCH	EWPI BRIGHTNESS POT	16
10	CHARACTER DISPLAYS - CLOCK	EWPI CHARACTER DISPLAYS - DATA	15
11	EWMU DISP SWITCH	EWMU BRIGHTNESS POT	14
12	CMDS/EWMU CHARACTER DISPLAYS - DATA	RESERVED (ONBOARD LED)	13
3.3V			GND
24	CMDS O1 SWITCH / EWMU MWS MENU	RESERVED	41
25	CMDS O2 SWITCH / EWMU JMR MENU	RESERVED	40
26	CMDS CH SWITCH / EWMU RWR MENU	CMDS PRGM - 4 / EWMU MATRIX - COL4	39
27	CMDS FL SWITCH / EWMU DISP MENU	CMDS PRGM - 3 / EWMU MATRIX - COL3	38
28	CMDS/EWMU MODE SWITCH - OFF	CMDS PRGM - 2 / EWMU MATRIX - COL2	37
29	CMDS/EWMU MODE SWITCH - STBY	CMDS PRGM - 1 / EWMU MATRIX - COL1	36
30	CMDS/EWMU MODE SWITCH - MAN	CMDS DISPENSE RDY / EWPI ML LED	35
31	CMDS/EWMU MODE SWITCH - SEMI	CMDS PRGM SWITCH - BIT / EWMU MATRIX - ROW2	34
32	CMDS/EWMU MODE SWITCH - AUTO	CMDS MODE - BYP / EWMU MATRIX - ROW1	33

ADDITIONAL PINS

PIN	FUNCTION
DP	USB DATA+
DM	USB DATA-
PROGRAM	PROGRAM BUTTON
RESET	RESET BUTTON
VUSB	USB +5V

Board: CMDS/EWMU/EWPI Driver
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