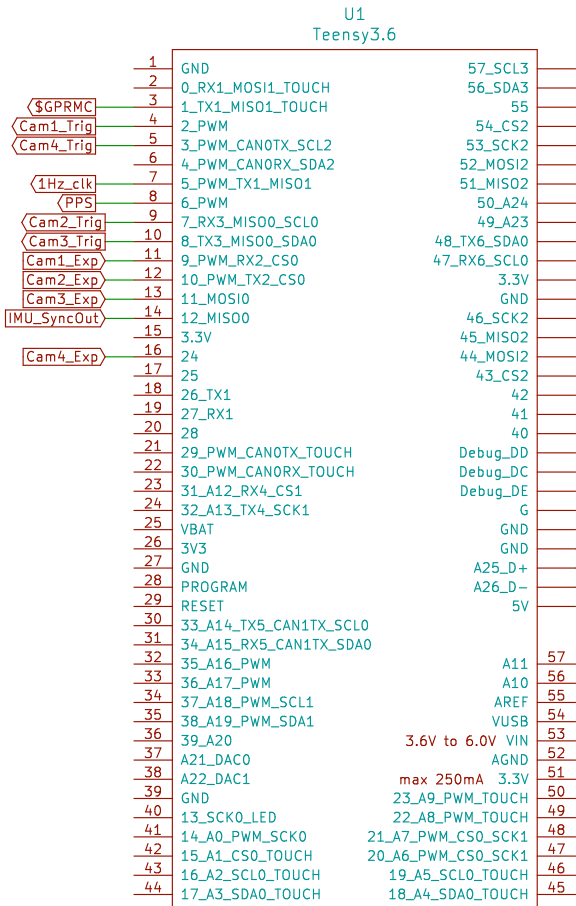


Pins 2, 7, 8, 14 (there are some more) are on PWM Timer 3 (FTM3) so changes to their timer affect both pins

Pins 3 and 4 use PWM Timer FTM1 so changes to that timer affect both pins.

FrequencyTimer2 uses pin 5 and can output a very low jitter signal based on the PWM Timer. Unfortunately it's 50% duty cycle and we need a shorter pulse so we're using pin 6



|       |   |     |                    |   |
|-------|---|-----|--------------------|---|
| Green | 1 | 3   | Power / Input      | +12 V DC Camera Power / Non-isolated input                                  |
| Black | 2 | 0   | Opto Input 1       | Opto-isolated input   |
| Red   | 3 | 2   | NC / +3.3 V / GPIO | +3.3 V output. Current 120 mA (nominal) Firmware enabled / Non-isolated I/O |
| White | 4 | 1   | Opto Output 1      | Opto-isolated output  |
| Blue  | 5 | N/A | Opto GND           | Ground for opto-isolated I/O, not connected to camera ground                |
| Brown | 6 | N/A | GND                | DC camera power ground  |

Teensy-PC-USB

Sheet: /  
File: Handle.sch

**Title:** Handle Pinout

Size: A4 Date: 5-Aug-21

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**Rev:**B

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