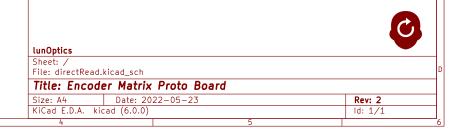
The matrix can be extended depending on the U1 number of available processor pins. Theoretically, Teensy4.1 some 190 Encoders can be attached to a T4.1 49 VUSB VIN (3.6v to 5.5v) GND 47 GND 0_RX1_CRX2_CS1 46 3V3 (250mA max) 1_TX1_CTX2_MISO1 45 23_A9_CRX1_MCLK1 2_0UT2 22_A8_CTX1 BRO B 3_LRCLK2 21_A7_RX5_BCLK1 4_BCLK2 C3 18 42 20_A6_TX5_LRCLK1 5_IN2 C4 17 41 19_A5_SCL0 6_0UT1D 16 40 18_A4_SDA0 7_RX2_OUT1A 15 39 17_A3_TX4_SDA1 8_TX2_IN1 14. 38 16_A2_RX4_SCL1 9_0UT1C BR1 B 13 37 15_A1_RX3_SPDIF_IN 10_CS_MQSR 12 36 14_A0_TX3_SPDIF_OUT 11_MOSI_CTX1 35 13_SCK_CRX1_LED 12_MISO_MQSL 34 GND 3٧3 9 33 41_A1_MIS01 ENC15 24_A10_TX6_SCL2 32 40_A16_CS1 GND 25_A11_RX6_SDA2 7 31 39_DAT2_TX5 BR3 B: 26_A12_MOSI1 30 38_DAT3_RX5 27_A13_SCK1 29 37_CMD_SCK2 28_RX7 4 28 36_CLK_CS2 29_TX7 3 27 35_DAT0_MOSI2 30_CRX3 2 26 34_DAT1_MISO2 31_CTX3 33_MCLK2 32_0UT1B Device USB - 0 64 63 GND 5٧ 62 T- LED ET 56 57 60 R+ GND 58 59 GND

> Connections to the contoller are compatible to all ARM Teensy boards



Changes:

V2: Fixed missing GND connection to encoder

V2: Fixed reversed pin names SRn <-> BRn