ARDUINO

PB7	LED_BUILTIN

ATMEGA32U4

PD5	TX LED
PD4	RX LED

Power

NC
IOREF
RESET	RESET
+3V3
+5V
GND
GND
VIN

ADC[0]	PF0	A0	D54
ADC[1]	PF1	A1	D55
ADC[2]	PF2	A2	D56
ADC[3]	PF3	A3	D57
ADC[4]	PF4	A4	D58
ADC[5]	PF5	A5	D59
ADC[6]	PF6	A6	D60
ADC[7]	PF7	A7	D61

CCU1

CCU2

ADC[8]	PK0	A8	D62
ADC[9]	PK1	A9	D63
ADC[10]	PK2	A10	D64
ADC[11]	PK3	A11	D65
ADC[12]	PK4	A12	D66
ADC[13]	PK5	A13	D67
ADC[14]	PK6	A14	D68
ADC[15]	PK7	A15	D69

CCU3

D21/SCL	PD0	SCL
D20/SDA	PD1	SDA
AREF	AREF	
GND		
~D13	PB7	SCK
~D12	PB6	MISO
~D11	PB5	MOSI
~D10	PB4	SS
~D9	PH6	
~D8	PH5	

CCU5

~D7	PH4
~D6	PH3
~D5	PE3
~D4	PG5
~D3	PE5
~D2	PE4
~D1/TX0	PE1
~D0/RX0	PE0

D14/TX3	PJ1
D15/RX3	PJ0
D16/TX2	PH1
D17/RX2	PH0
D18/TX1	PD3
D19/RX1	PD2
D20/SDA	PD1
D21/SCL	PD0

CCU6'

	Ground
	Power
	LED
	Internal Pin
	SWD Pin

	Digital Pin
	Analog Pin
	Other Pin
	Microcontroller's Port
	Default

⚠ **MAXIMUM** current per I/O pin is 20mA

⚠ **MAXIMUM** current per +3.3V pin is 50mA

VIN 6-20 V input to the board.