

B1  
AVR128DB48 Curiosity Nano Board

1	NC	VBUS	56
2	ID	VOFF	55
3	PB0_(CDC_RX)_(USART3_TX)	PF6_(DBG3)	54
4	PB1_(CDC_TX)_(USART3_RX)	DBG0_(UPDI)	53
5	PB3_(DBG1)_(LED0)	GND	52
6	PB2_(DBG2)_(SW0)	VTG	51
7	PF4_(USART2_TX)	PD6_(AIN6)	50
8	PF5_(USART2_RX)	PD3_(AIN3)_(OPO_INN)	49
9	PA2_(TWI0_SDA)	PD2_(AIN2)_(OPO_OUT)_(TCA0_WO2)	48
10	PA3_(TWI0_SCL)	PD1_(AIN1)_(OPO_INP)_(TCA0_WO1)	47
11	PA4_(SPI0_MOSI)	PD0_(AIN0)_(TCA0_WO0)	46
12	PA5_(SPI0_MISO)	PD7_(AIN7)_(OP1_INN)	45
13	PA6_(SPI0_SCK)	PD5_(AIN5)_(OP1_INN)	44
14	PA7_(SPI0_SS)	PD4_(AIN4)_(OP1_INP)	43
15	GND	GND	42
16	PB0_(CDC_RX)_(USART3_TX)	PE3_(OP2_INN)	41
17	PB1_(CDC_TX)_(USART3_RX)	PE2_(OP2_OUT)	40
18	PF2	PE1_(OP2_INP)	39
19	PF3	PE0	38
20	PC0	PC7	37
21	PC1	PC6	36
22	PC2	PC5	35
23	PC3	PC4	34
24	GND	GND	33
25	PA0_(XTALHF1)	PB5	32
26	PA1_(XTALHF2)	PB4	31
27	PB2_(SW0)	XTAL32K1_(PF1)	30
28	PB3_(LED0)	XTAL32K1_(PF0)	29

3.3V



SW1  
SW\_Push



R1



10k



3.3V



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Lab Section 01

Sheet: /  
File: Lab12.kicad\_sch

**Title: ESE280-Lab12-DT1**

Size: A4 Date: 2024-12-02

KiCad E.D.A. 9.0.0

Rev: 0

Id: 1/1