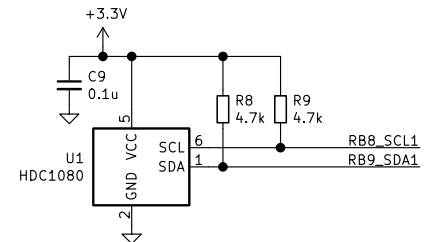
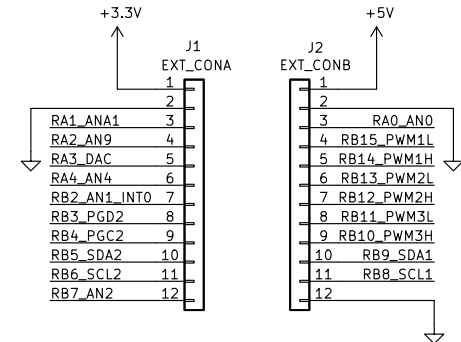
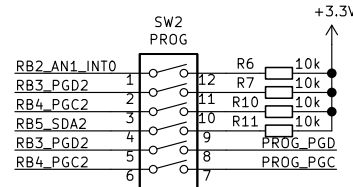
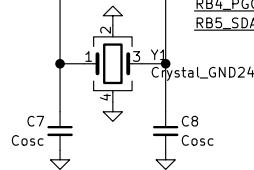
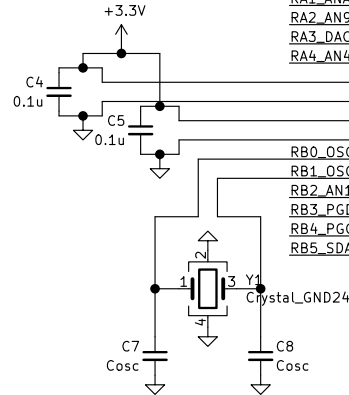
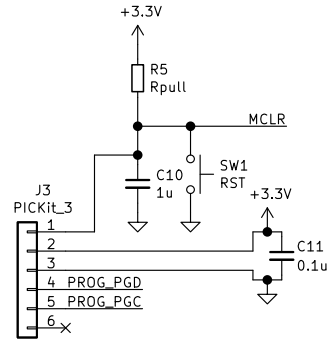
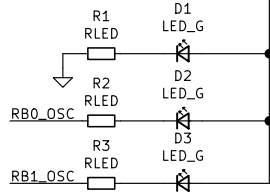
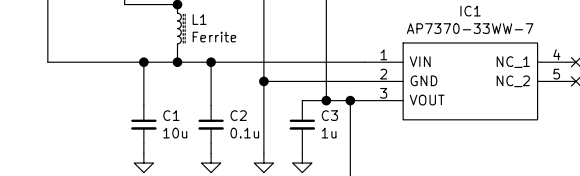


NANOLAY revA

dsPIC33 Dev Board

Tarvs' Hobbytronics

PWR_FLAG PWR_FLAG +5V PWR_FLAG +3.3V



Pin #	Function	Pin #	Function
1	OA1IN-/ANA1/RA1	15	PGC3/RP38/SCL2/RB6
2	OA1IN+/AN9/RA2	16	TDO/AN2/CMP3A/RP39/SDA3/RB7
3	DACOUT1/AN3/CMP1C/RA3	17	PGD1/AN10/RP40/SCL1/RB8
4	AN4/CMP3B/BIAS3/RA4	18	PGC1/AN11/RP41/SDA1/RB9
5	AVdd	19	Vss
6	AVss	20	Vdd
7	Vdd	21	TMS/RP42/PWM3H/RB10 ⁽²⁾
8	Vss	22	TCK/RP43/PWM3L/RB11
9	OSCI/CLKI/AN5/RP32/RB0	23	TDI/RP44/PWM2H/RB12
10	OSCO/CLKO/AN6/RP33/RB1 ⁽³⁾	24	RP45/PWM2L/RB13
11	OA2OUT-/AN1/AN7/ANA0/CMP1D/CMP2D/CMP3D/RP34/SCL3/INT0/RB2	25	RP46/PWM1H/RB14
12	PGD2/OA2IN-/AN8/RP35/RB3	26	RP47/PWM1L/RB15
13	PGC2/OA2IN+/RP36/RB4	27	MCLR
14	PGD3/RP37/SDA2/RB5	28	OA1OUT/AN0/CMP1A/BIAS0/RA0

tarvshobbytronics.com
mttarvina@gmail.com

Tarvs' Hobbytronics (mttarvina)

Sheet: /
File: Nanolay_RevA.sch

Title: Nanolay – dsPIC33 Dev Board

Size: A4 Date: 2020-10-11

KiCad E.D.A. kicad (5.1.6)–1

Rev: A

Id: 1/1