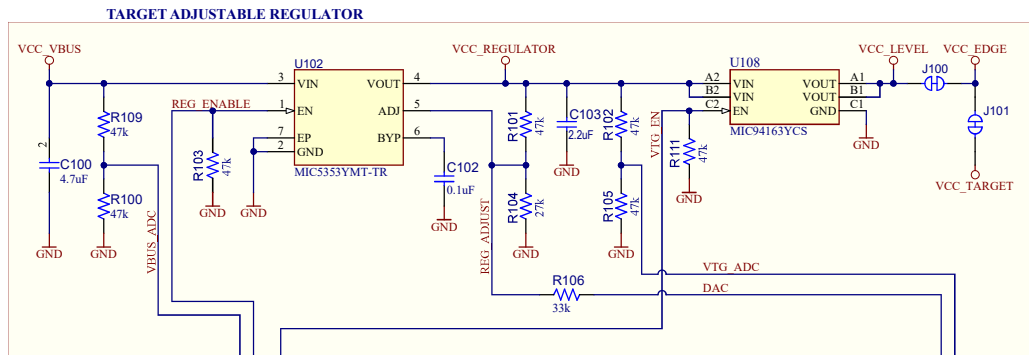




J100:

- Cut-strap used for full separation of target power from the level shifters and on-board regulators.
- For current measurements using an external power supply, this strap could be cut for more accurate measurements. Leakage back through the switch is in the micro ampere range.

J101:

- For current measurements using the on-board power supply, this strap must be cut and an ammeter connected across.

MIC5353:

Vin: 2.6V to 6V
 Vout: 1.25V to 5.1V
 Imax: 500mA
 Dropout (typical): 50mV@150mA, 160mV @ 500mA
 Accuracy: 2% initial
 Thermal shutdown and current limit

Maximum output voltage is limited by the input voltage and the dropout voltage in the regulator.
 (Vmax = Vin - dropout)

MIC5528:

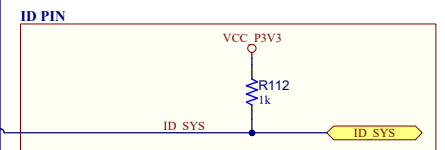
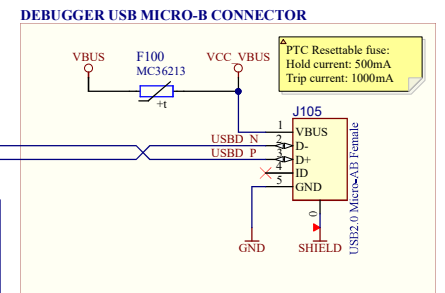
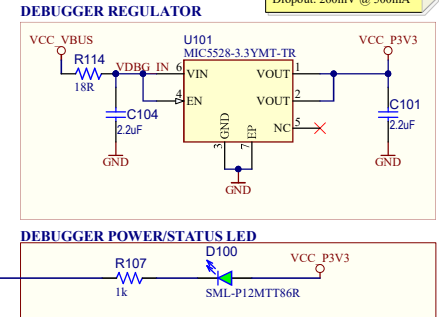
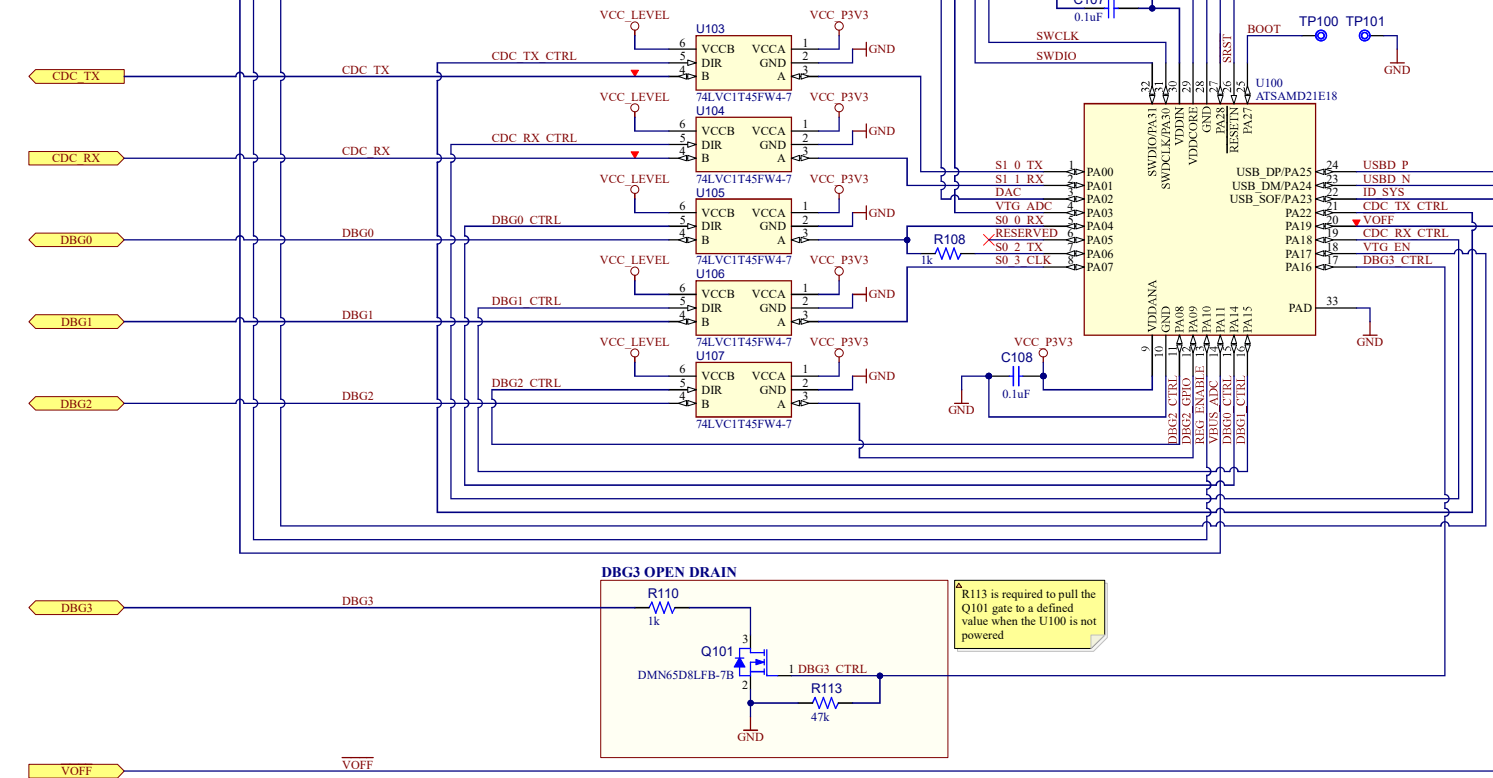
Vin: 2.5V to 5.5V
 Vout: Fixed 3.3V
 Imax: 500mA
 Dropout: 260mV @ 500mA

Interface	ICSP TARGET	UPDI TARGET	SWD TARGET
CDC TX	UART RX	UART RX	UART RX
CDC RX	UART TX	UART TX	UART TX
DBG0	DAT	UPDI	SWDAT
DBG1	CLK	GPIO	SWCLK
DBG2	GPIO	GPIO	SWO/GPIO
DBG3	MCLR	RESET	RESET
VCC	-	-	-

TP103
TP104

TP103 and TP104 are MTG Holes in the corners of the PCB in the DEBUGGER section labelled "GND" on the silkscreen.

DEBUGGER



Project Owner:
P Breedveld

PCB Layout Contact:
V Leksaas

PartNumber:
EV01G21A

Project Title:
PIC18F56Q71 Curiosity Nano

Variant: Default Assembly

Sheet Title:
Debugger

Size: A3

SCH #: 02-00412

Rev: 1

Date: 2021-12-10

PCB #: 04-11519

Rev: 1

Sheet 3 of 4

File: PIC18F56Q71_Curiosity_Nano_Debugger_SchDoc

MICROCHIP

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