

Interface	USP	TARGET	UPDI	TARGET
CDC TX	UART RX	UART RX	UART RX	UART RX
CDC RX	UART TX	UART TX	UART TX	UART TX
DBG0	DAT	UPDI	SWDAT	SWDAT
DBG1	CLK	GPO	SWCLK	SWCLK
DBG2	GPO	GPO	SWO GPO	SWO GPO
DBG3	SICR	RESET	RESET	RESET
VCC	-	-	-	-

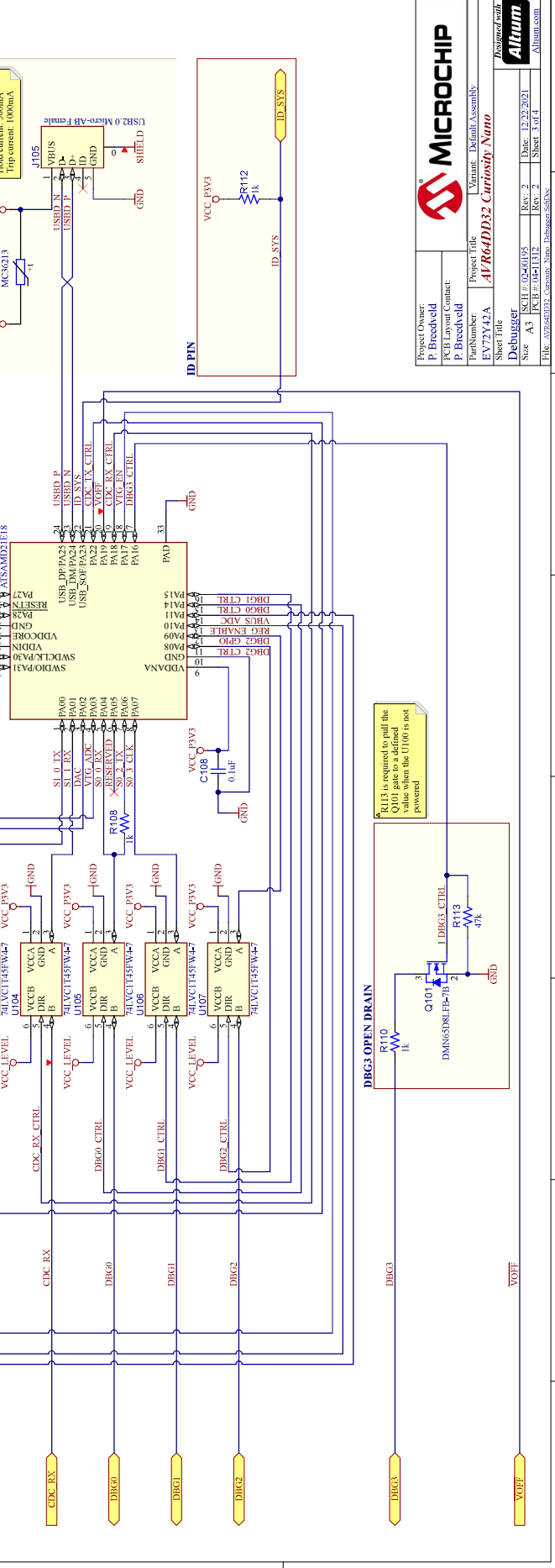
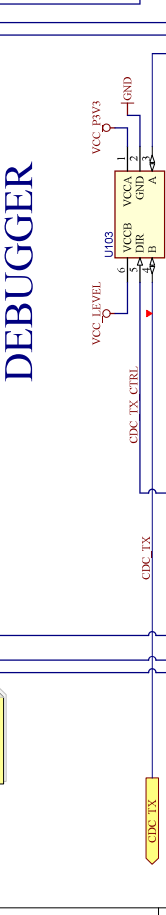
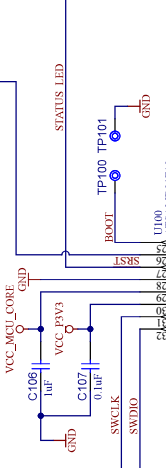
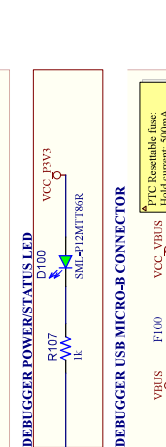
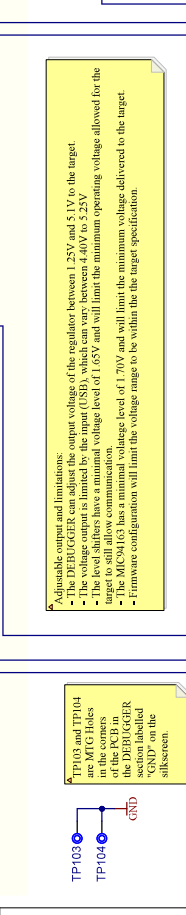
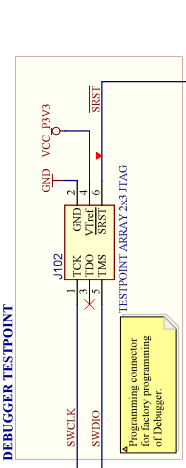
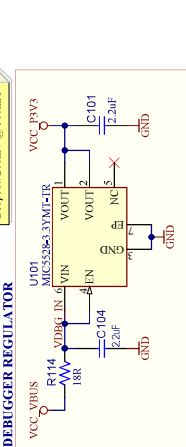
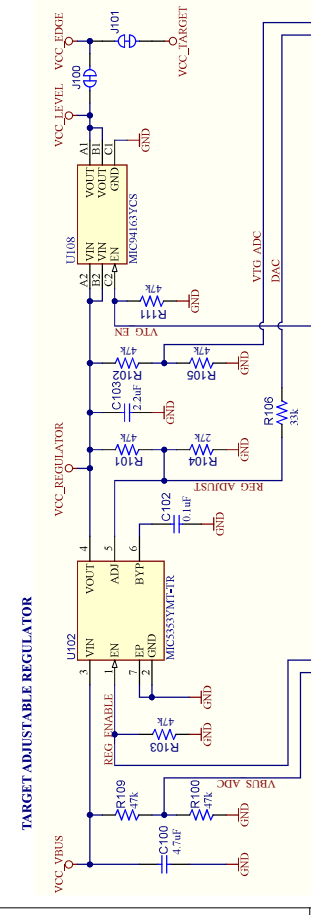
TP103 and TP104

- Cables 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.
- For voltage measurements, this strap must be cut and an external power supply connected to the target.
- For current measurements using the on-board power supply, this strap must be cut and an external power supply connected to the target.

MIC5258

Vin: 2.6V to 6V
 Vout: 1.25V to 5.1V
 Imax: 500mA
 Dropout (typical): 50mV @ 150mA, 100mV @ 500mA
 Dropout (max): 200mV @ 500mA
 Thermal shutdown and current limit

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



MICROCHIP

Project Owner:
 P. Breechold

PCB Layout Contact:
 P. Breechold

Part Number:
 EV72Y42A

Project Title:
 AVR64DD32 Curiosity Nano

Variant: Default Assembly

Sheet Title:
 Debugger

Size: A3

File: _ASSEMBLY_customer_v00m0_Debugger_SchDoc

Rev: 2

Date: 12/22/2021

PCB: F-04-1312

Sheet: 3 of 4

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