

[illegible]

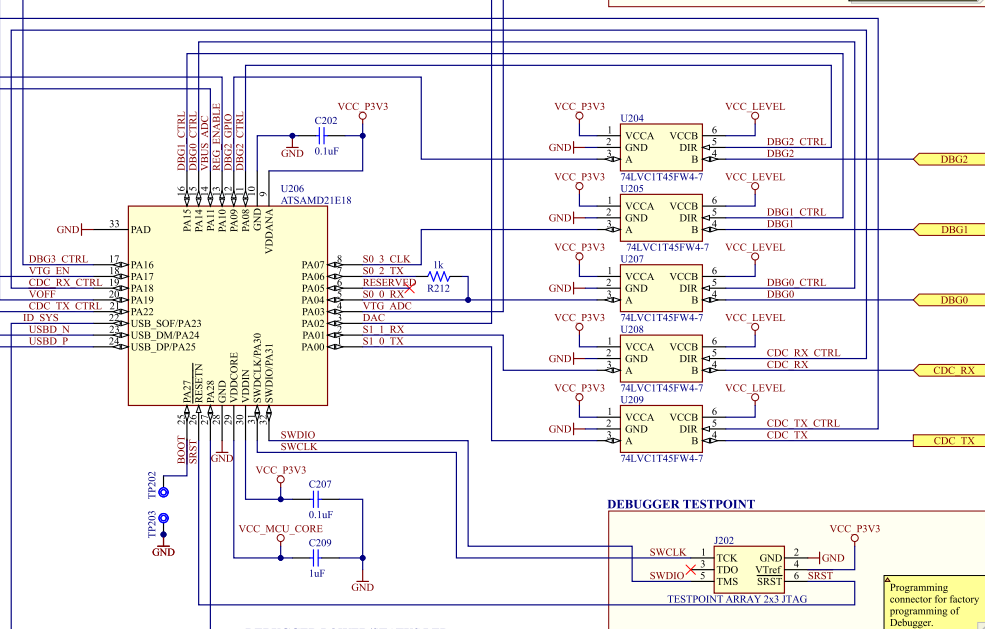
DEBUGGER

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. ($V_{max} = V_{in} - \text{dropout}$)

<i>Interface Signal</i>	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	-	-	-

$\overline{\text{VOFF}}$ VOFF



SWCLK 1

SWDIO 3

J202

TCK GND 2

TDO VTrf 4

TMS SRST 6

VCC P3V3

GND

TESTPOINT ARRAY 2x3 JTAG

Programming connector for factory programming of Debugger.

Project Owner: SLT		 MICROCHIP		CNSA000 Tuning Board 2.0	
PCB Layout Contact: SLT					
Part Number: EV10P22A		Project Title <i>PC132CM PL10 Curiosity Nano</i>		Variant: Default Assembly	
Sheet Title Debugger		Designed with 			
Size: A3 SCH #: 02-01489		Rev: 2		Date: 28.11.2025	
File: #10P22A-04-17544		Rev: 1		Sheet 3 of 4	
File: #PC132CM PL10 Curiosity Nano Debugger				Altium.com	