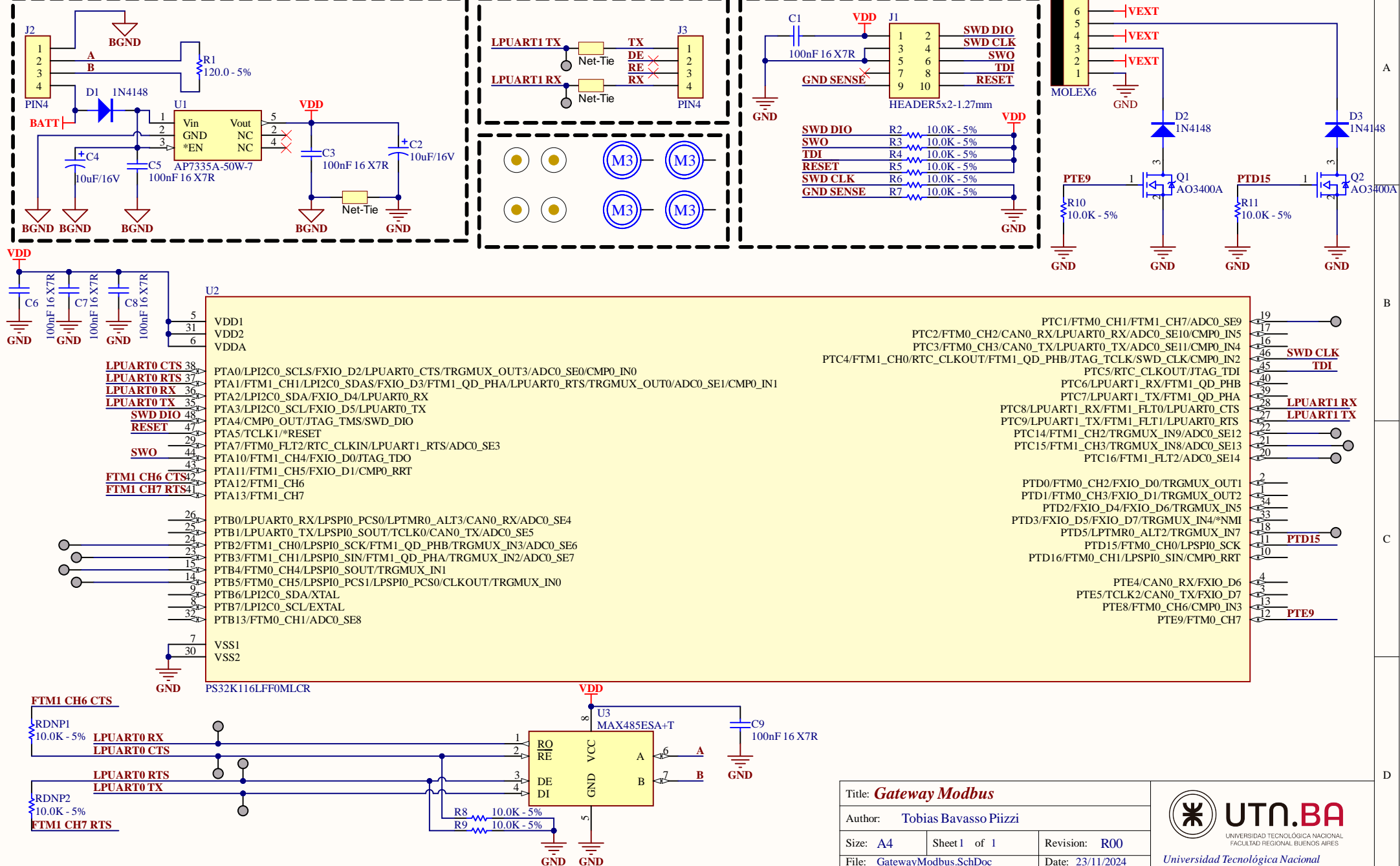


Power Supply

Control Connector

Debug Connector



Title: **Gateway Modbus**

Author: Tobias Bavasso Piizzi

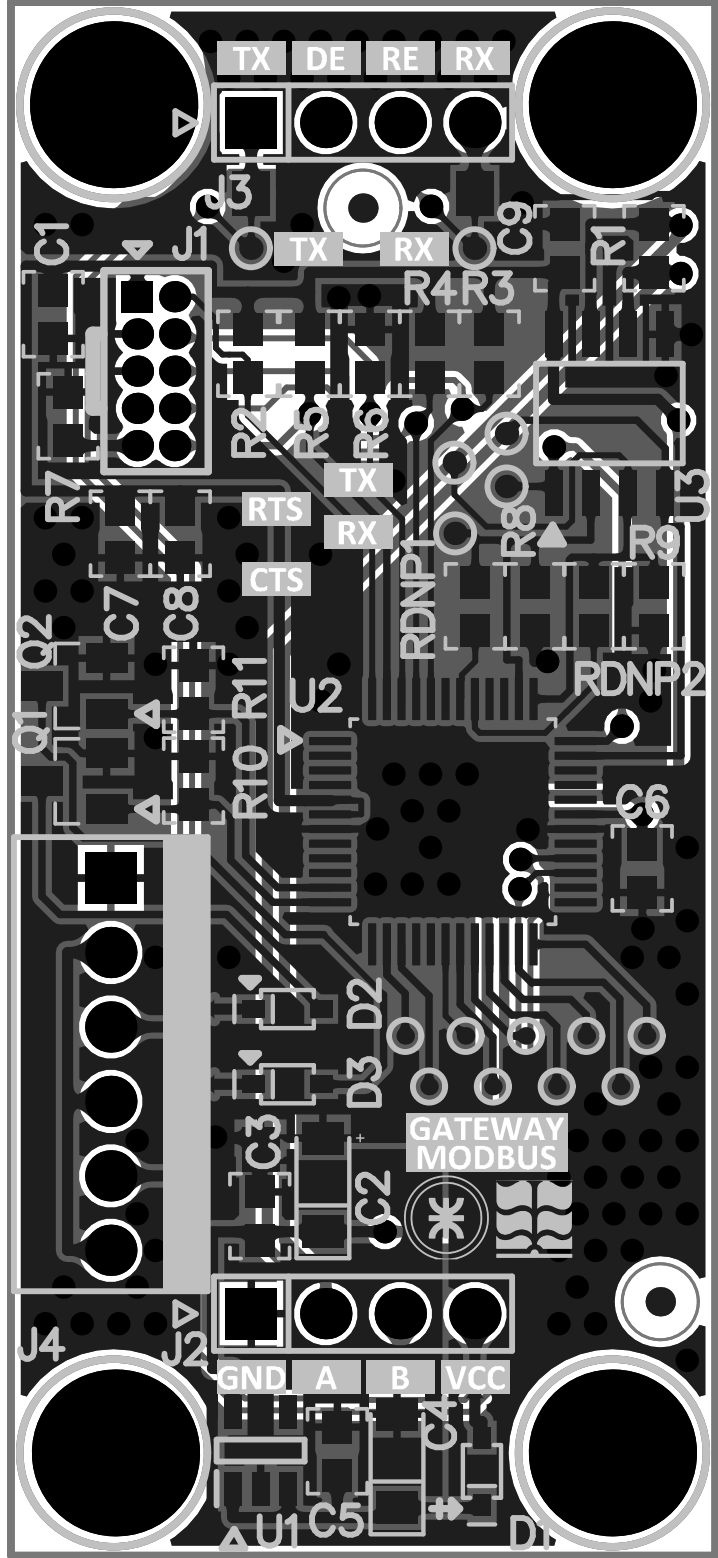
Size: A4

Sheet 1 of 1

Revision: R00

File: GatewayModbus.SchDoc

Date: 23/11/2024



Line#	Name	Description	Designator	Quantity	Footprint	LSLCPart Number
	100nF 16 X7R	SMD Ceramic Chip Capacitor 0603	C1, C3, C5, C6, C7, C8, C9	7	CAPO0603	C2172848
	10uF/16V	Polarized Capacitor Tantalium	C2, C4	2	CAP POL TANT 1206	C7171
	1N4148	Small Signal Diode	D1, D2, D3	3	SOD323	O6423741
	HEADER5x2-1.27mm	PAD10-2X05-HH	J1	1	PAD10-2X05-HH	C7501289
	PIN4		J2, J3	2	SIP4	O6332197
	MOLEX6		J4	1	MOLEX6	
	AO3400A	30V 5.8A 35mΩ@10V, 5.8A 1.4W 1.4V@250uA 1 N-Channel SOT-23 MOSFETs ROHS	Q1, Q2	2	SOT-23	C347475
	120.0 - 5%	SMD Chip Resistor 0603	R1	1	RESC0603	C144625
	10.0K - 5%	SMD Chip Resistor 0603	R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, RDNP1, RDNP2	12	RESC0603	C2100858
	AP7335A-50W-7	IC REG LINEAR 5V 300MA SOT25	U1	1	SOT-23-5	C151013
	PS32K116LFF0MLOR	Microcontroladores ARM - MCU S32K116, M0+, Flash 128K, RAM 17KB	U2	1	LQFP48-NXP	C1340862
	MAX485ESA+T	1/1 Transceiver Half RS422, RS485 8-SOIC	U3	1	SOIC8	C19738