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2024-05-28T15:28:34+0200

Eeschema 8.0.2

Component Count:27

Ref	Qty	Value	Part	Datasheet	Description	Vendor DNP
C2, C4	2	10uF	Device:C	~	Unpolarized capacitor	
C3, C5	2	100nF	Device:C	~	Unpolarized capacitor	
C6	1	1uF	Device:C	~	Unpolarized capacitor	
D1	1	BAT54S	Device:D_Schottky_Dual_Series_AKC_Parallel	~	Dual Schottky diode, anode/cathode/center	
D3	1	LED GREEN	Device:LED	~	Light emitting diode	
D4	1	LED RED	Device:LED	~	Light emitting diode	
J1, J2	2	Conn_01x12	Connector_Generic:Conn_01x12	~	Generic connector, single row, 01x12, script generated (kicad-library-utils/schlib/autogen/connector/)	
J3	1	USB_C_Receptacle	Connector:USB_C_Receptacle_USB2.0_14P	<a href="https://www.usb.org/sites/default/files/documents/usb_type-c.zip">https://www.usb.org/sites/default/files/documents/usb_type-c.zip</a>	USB 2.0-only 14P Type-C Receptacle connector	
J4	1	DEBUG	Connector_Generic:Conn_02x05_Odd_Even	~	Generic connector, double row, 02x05, odd/even pin numbering scheme	

					(row 1 odd numbers, row 2 even numbers), script generated (kicad-library-utils/ schlib/autogen/ connector/)
R1, R4, R5	3	33	Device:R_US	~	Resistor, US symbol
R2, R3	2	1K	Device:R_US	~	Resistor, US symbol
R6, R7, R9	3	10K	Device:R_US	~	Resistor, US symbol
R8, R10	2	22	Device:R_US	~	Resistor, US symbol
TP1	1	D+	Connector:TestPoint	~	test point
TP2	1	D-	Connector:TestPoint	~	test point
U1	1	MCP1703Ax-330xxTT	Regulator_Linear:MCP1703Ax-330xxTT	<a href="http://ww1.microchip.com/downloads/en/DeviceDoc/20005122B.pdf">http://ww1.microchip.com/ downloads/en/ DeviceDoc/20005122B.pdf</a>	Low Quiescent Current LDO Regulator, 3.3V, 250mA, Vin<=16V, SOT-23
U2	1	MIC2026-1BM	Power_Management:MIC2026-1xM	<a href="https://ww1.microchip.com/downloads/aemDocuments/documents/APID/ProductDocuments/DataSheets/MIC2026-MIC2076-Dual-Channel-Power-Distribution-Switch-DS20006443A.pdf">https://ww1.microchip.com/ downloads/aemDocuments/ documents/APID/ ProductDocuments/DataSheets/ MIC2026-MIC2076-Dual- Channel-Power-Distribution- Switch-DS20006443A.pdf</a>	Dual-channel, high side, power distribution switch, 2.7V-5.5V, Active High Output, SOIC-8
U3	1	CH32X033F8P6	MCU_WCH_CH32X03x:CH32X033F8P6	<a href="https://www.wch-ic.com/downloads/CH32X035DS0_PDF.html">https://www.wch-ic.com/ downloads/ CH32X035DS0_PDF.html</a>	WCH Microcontroller, QingKe 32-bit RISC-V core, 62Kbyte FLASH, 20 Kbyte SRAM, 1 ADC 10bits, USART,

I2C, SPI, USB 2.0,  
SWD 2-wire debug  
interface, USB 2.0,  
USB-PD



