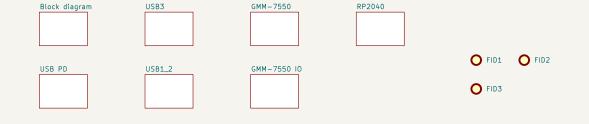
Experimental USB 3 adapter for GMM-7550 Module

Sheet #	Description	
1	Title page	
2	Block diagram	
3	USB 3 Type—C Connector and 5 Gbps switch	
4	USB 1.1 and USB 2.0 transceivers	
5	5 GMM-7550 Module Power and Control 6 GMM-7550 SA and SB IO banks	
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7	RP2040 MCU: control, configuration, debug	
8	USB 3 Power Delivery controller and Power Path	

Revision	Date	Notes
0.9	2025-07-24	Initial schematic release (pre—layout)



RP2040

USB3



Solnet

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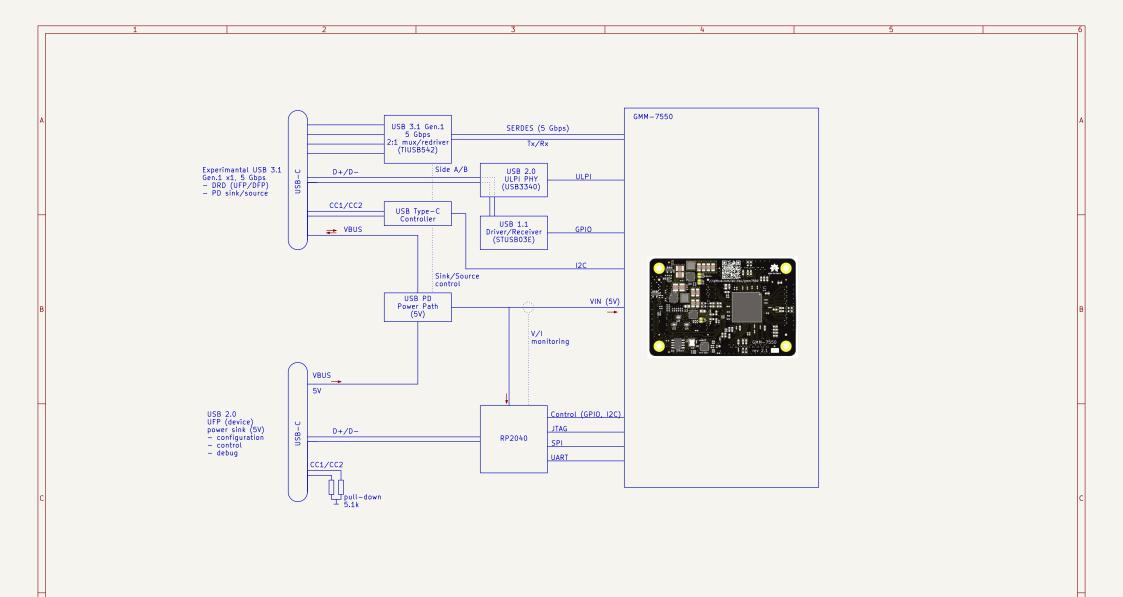
This project was funded through the NGIO Common Fund, a fund established by NLnet foundation.

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File: usb3-gmm7550.kicad_sch

Title: GMM-7550 USB3 Adapter

Size: A4 Date: 2025-07-24 Rev: 0.9 KiCad E.D.A. 9.0.1 ld: 1/8





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Sheet: /Block diagram/ File: block_diag.kicad_sch

 Size: A4
 Date: 2025-07-24
 Rev: 0.9

 KiCad E.D.A. 9.0.1
 Id: 2/8

