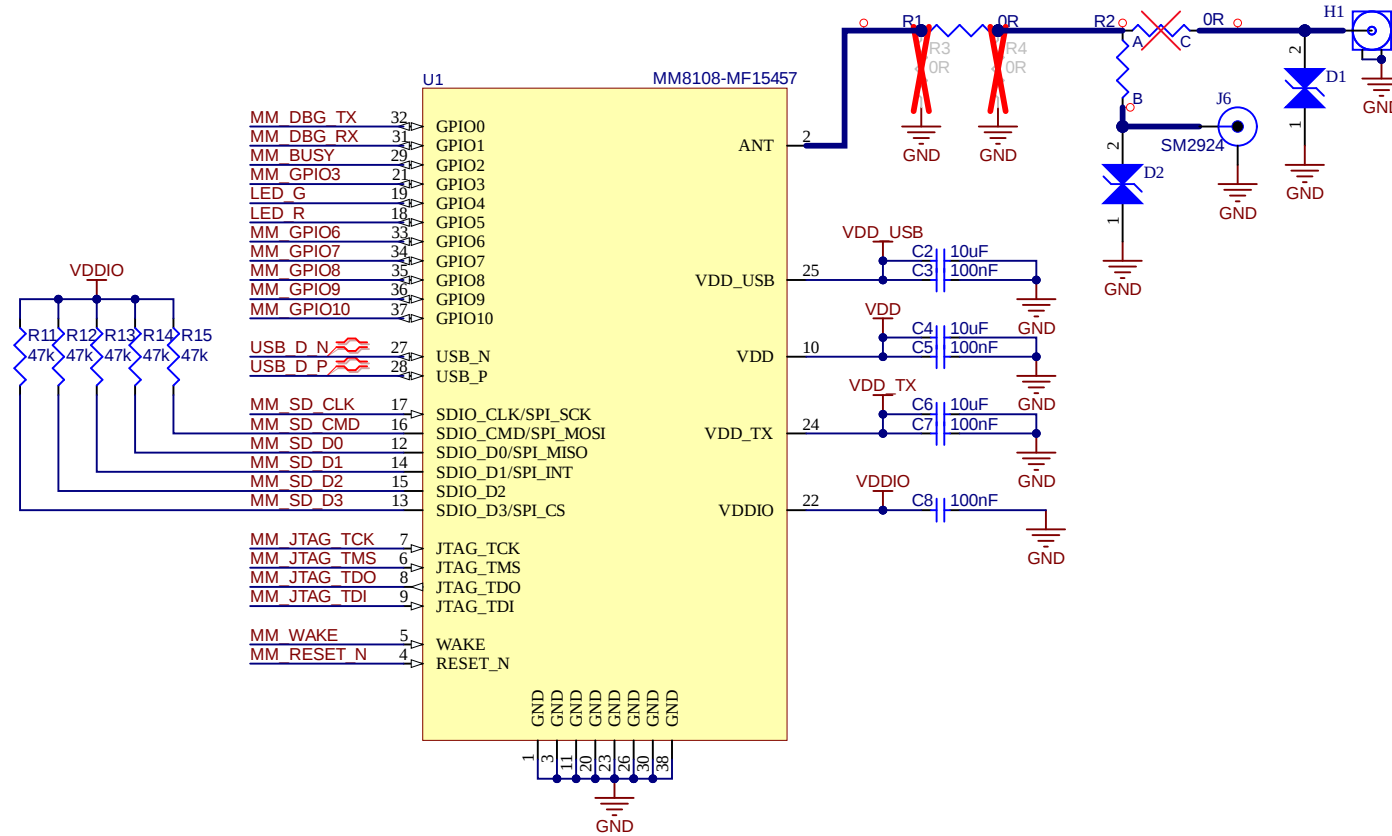
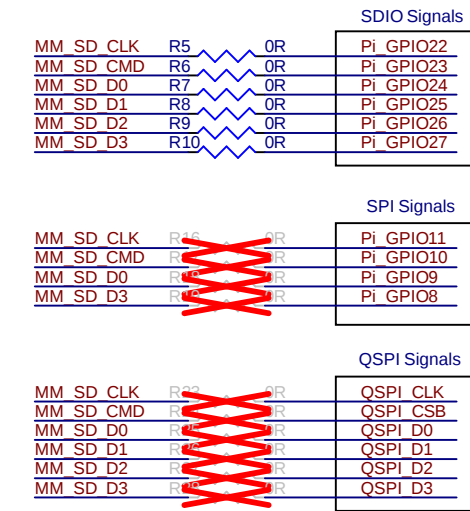


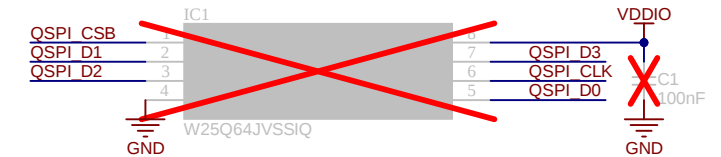
WiFi HaLow Module



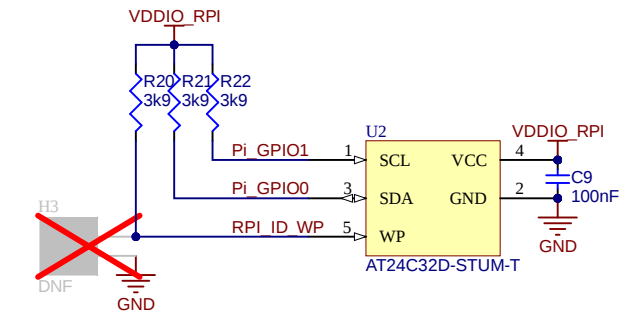
SDIO/SPI/QSPI Selection



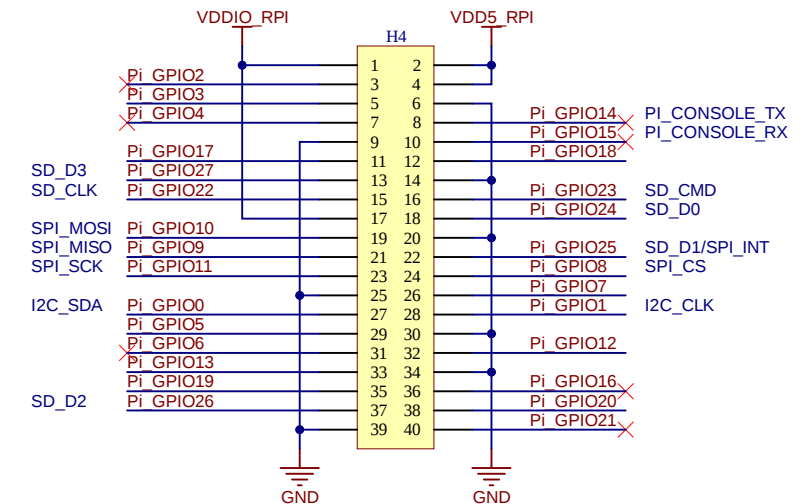
XIP SPI Flash



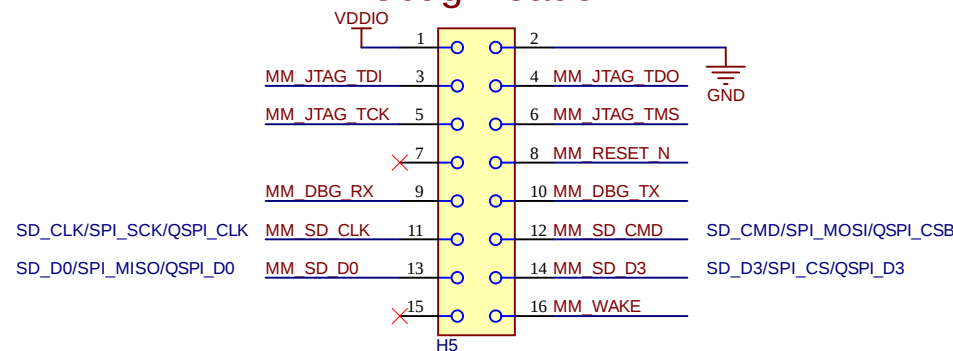
I2C EEPROM



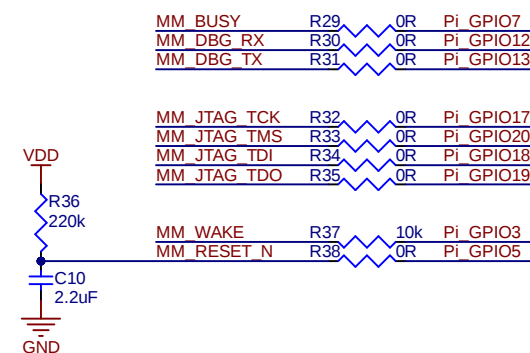
Connector to Raspberry Pi



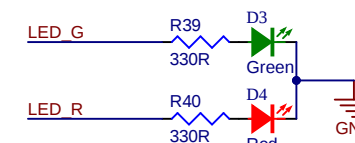
Debug Header



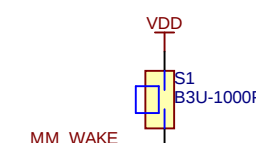
Module to Raspberry Pi Connections



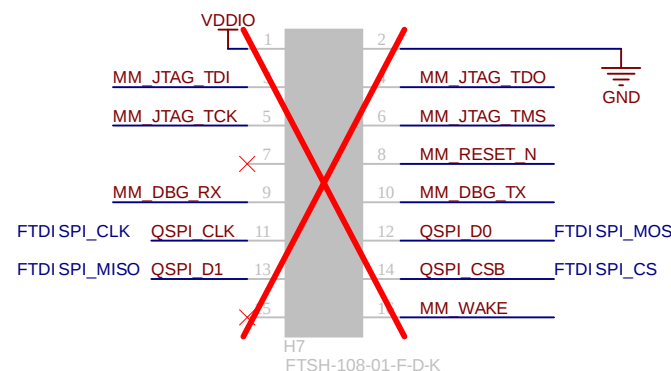
LEDs



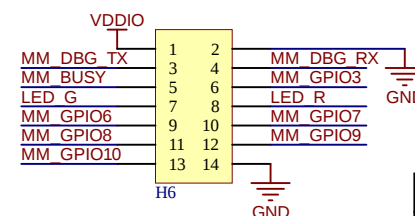
Wakeup



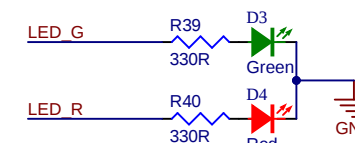
SPI Flash Debug



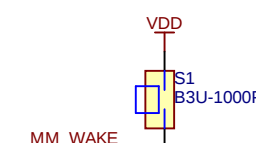
I/O Header



LEDs



Wakeup



Revision History

1.0	First Release
2.0	Changed SMA to SM2924. Added jumper headers. Copied JTAG, UART and Wake connections to SPI Flash debug headers.
3.0	Changed LDO to RT9080-33GJ5
4.0	Changed LDO to TLV757. Added ESD diodes on RF lines.

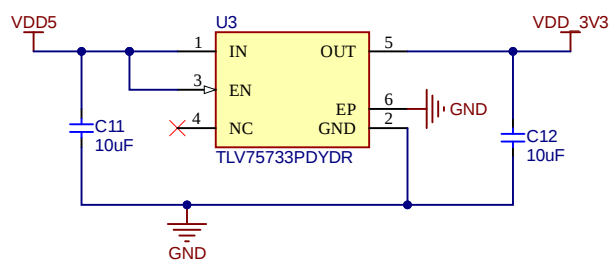


 Morse Micro

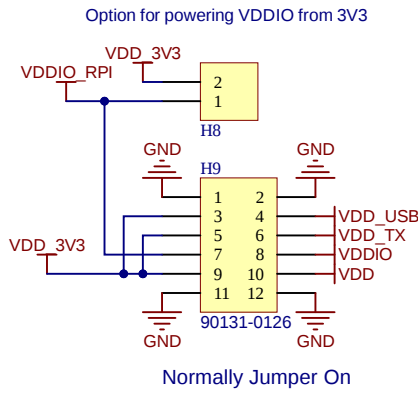
Level 8, 10-14 Waterloo Street
Surry Hills, NSW 2010
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Drawn: J. Garnier	Title MMECH17 Module and Interfaces		
Checked: M. Jay			
Approved: C. O'Neill	PCBA No: MMECH17.PrjPcb		Size: A3
	Drawing No:	Drawing Revision: 4.0	
Date Released: 10/03/2025	File: MMECH17_Module.SchDoc		Sheet 1 of 2

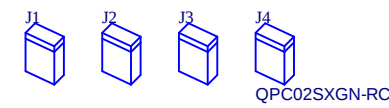
3.3V Regulator



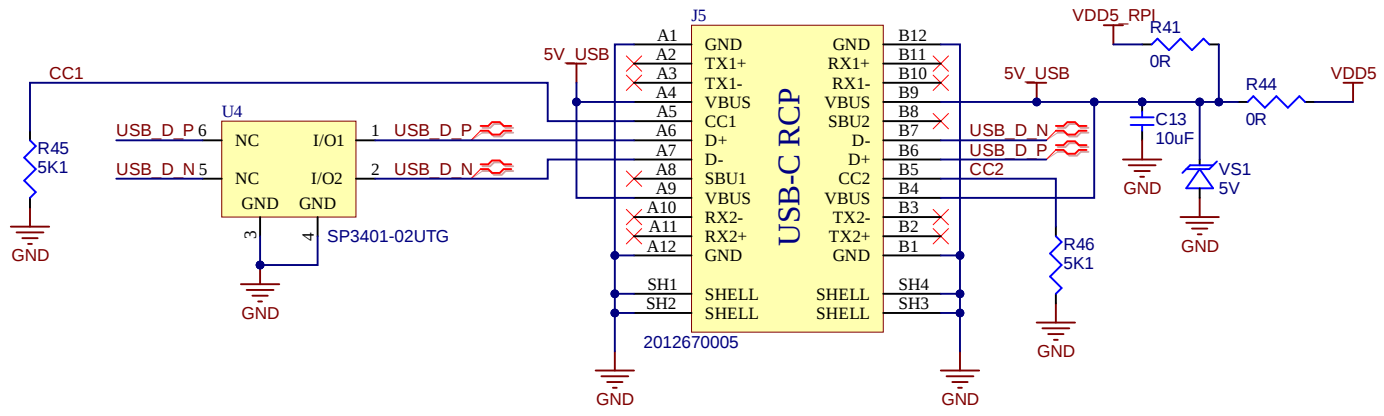
Power Headers



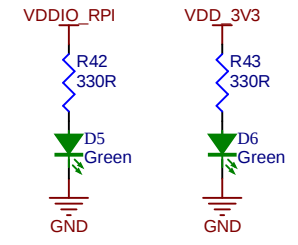
Jumper Headers



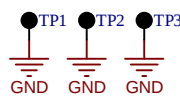
USB Type-C 5V Rated Input



Power Indication



GND Test Points



Mounting Holes



Fiducials



 Morse Micro		Level 8, 10-14 Waterloo Street Surry Hills, NSW 2010 AUSTRALIA		(c) Copyright 2026
Drawn: J. Garnier	Title MMECH17 Power			
Checked: M. Jay				
Approved: C. O'Neill	PCBA No: MMECH17.PrjPcb		Size: A3	
Date Released: 10/03/2026	Drawing No:		Drawing Revision: 4.0	
	File: MMECH17_Power.SchDoc		Sheet 2 of 2	