

CONTENTS:

PAGE1 - CONTENTS

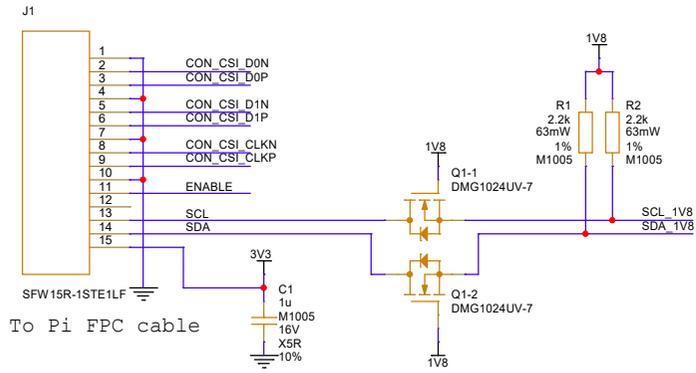
PAGE2 - CAMERA

REVISION HISTORY:

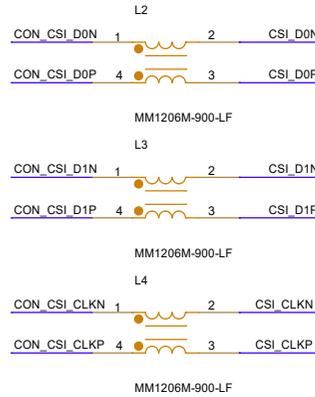
R1 - 30/06/2025 - First release

		Raspberry Pi © Raspberry Pi 2025 www.raspberrypi.com					
Title		Camera Module 3 Reference Schematic		Drawn By		Simon Martin	
Size	A3	Ref	RP-008969-SD	Rev	R1		
Date:		Monday, June 30, 2025		Sheet		1 of 2	

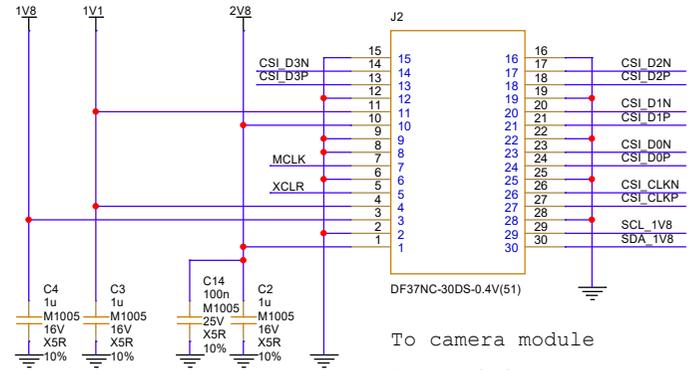
Level Shift I2C to 1.8V
SCL and SDA signals contain pull-ups in the Pi



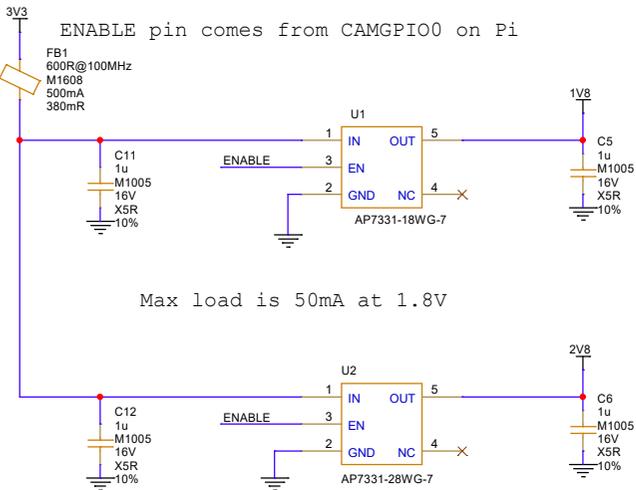
To Pi FPC cable



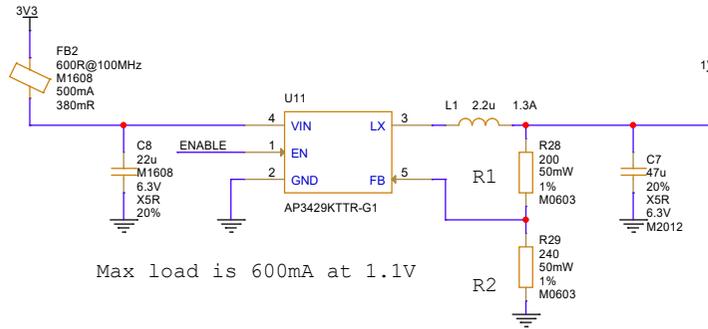
Reduces EMI in FPC cable



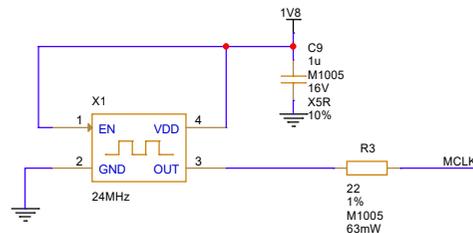
NOTE: CSI LANE 2 & 3 ARE AVAILABLE ON THE MODULE BUT THE 15 WAY CONNECTOR ONLY SUPPORTS LANES 0 AND 1



Max load is 50mA at 1.8V

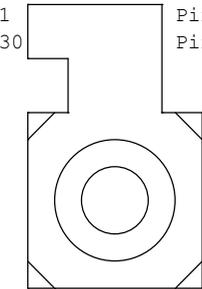


Max load is 600mA at 1.1V

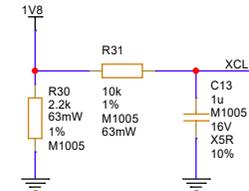


24MHz Oscillator
Any 1.8V Oscillator will work

Pin 1 Pin 15
Pin 30 Pin 16



Top view of module



POR circuit with simple delay of reset release until after the MCLK has started