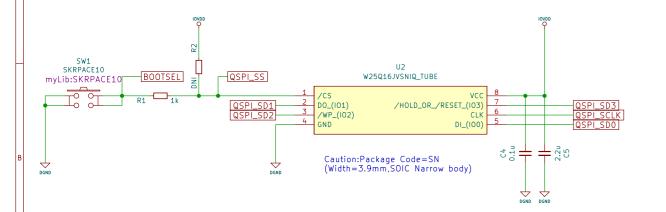
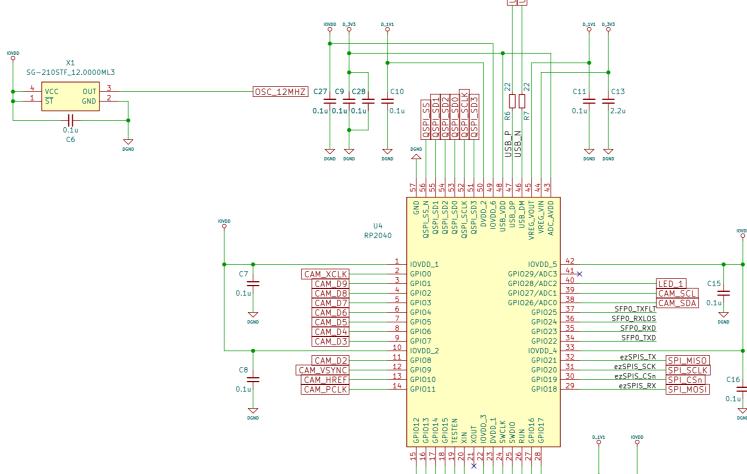
	1		10	11
		'		
	RP2040 eval. for Object detection.			
	NIZOTO EVAL. TOT ODJECE ALECTOTI.			
A				
	Dual Core CPU			
	File: mcu.kicad_sch			
В	B Power Supply			
	File: pwr_sup.kicad_sch			
	LOGO MK1 LOGO myLib:kyogen5			
	myLib:kyogen5			
С	c c			
D				
Ε	Ε			
F	F			
G				
Н	4		S/N:KS-0001-01B	
			S/N:KS-0001-01B  Kyogen Sound Group.  Sheet: / File: RP2040Board.kicad_sch	
			Title: Cyclone 10GX eval board  Size: A2 Date: 2021-12-07  KiCad E.D.A. kicad (6.0.7)	D 4 00
			Size: AZ	<b>Rev: 1.00</b> Id: 1/3

### **Boot Flash**

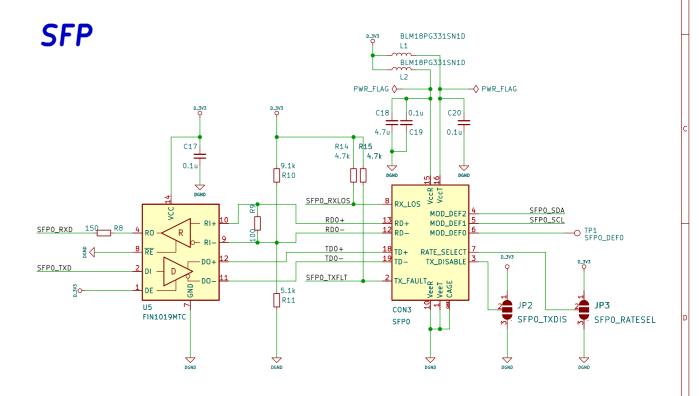
IOT SRAM



### RP2040 MCU

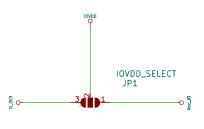


# **12C** Connection



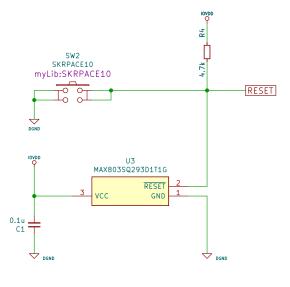
RATESEL: 3V3 = High, 0V = Low TX\_DISABLE: 3V3 = Disable, 0V = Enable

**IOVDD Selection** 



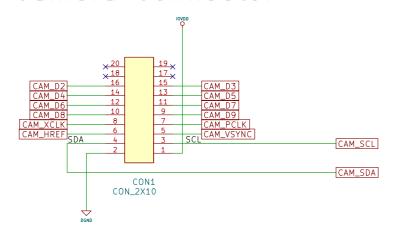
IOVDD:See section.2.9.7.4 on RP2040 DS. IOVDD domain:QSPI, GPIO, SWD, RUN, TESTEN(see Section 5.2)

## Reset Supervisor

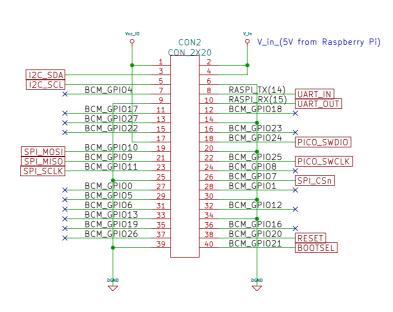


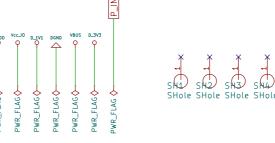
### **OV5642 DVP** Camera Connector

0.1u 0.2z 0.3z 0.3z



### Raspberry Pi Connector





S/N:KS-0003-QU01A

Kyogen Group.

Sheet: /Dual Core CPU/
File: mcu.kicad\_sch Title: QuickLogic EOS-S3 eval board **Rev: 1.00** ld: 2/3

# USB and Power Supply

