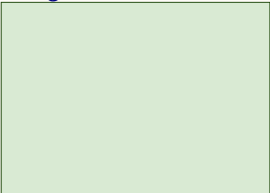


Project Architecture

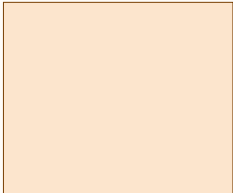
Fujitsu ESP Home

Fuji_atom



DCDC_LIN_CONN.SchDoc


Mechanics



Mechanics.SchDoc

Do not delete or move



Projet: AF-HOME-001			
Title: Project Architecture			<div>(c) 2025 Minbiocabanon Corp. Kiwi road TOULOUSE FRANCE</div> 
Size: A4	PN: HOME	Revision: AA01	
Date: 20/09/2025	Page 1 of 5		
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AF-HOME-001

Variant: Proto

20/09/2025

AA01

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2	Cover Page
3	Revision History
4	Mechanics
5	DC/DC , LIN Interface, Connectors

DESIGN CONSIDERATIONS

DESIGN NOTE:
Example text for informational
design notes .

DESIGN NOTE:
Example text for cautionary
design notes.


DESIGN NOTE:
Example text for critical
design notes.

LAYOUT NOTE:
Example text for critical
layout guidelines.

Revision History

AA01 : First version of the PCB

CLOCKS (CPU & PCIe)

Projet: <i>AF-HOME-001</i>			
Title: <i>Revision History</i>			<i>(c) 2025 Minbiocabanon Corp.</i> <i>Kiwi road</i> <i>TOULOUSE</i> <i>FRANCE</i> 
Size: <i>A4</i>	PN: <i>HOME</i>	Revision: <i>AA01</i>	
Date: <i>20/09/2025</i>	Page <i>3</i> of <i>5</i>		
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Mechanics

Manufacturing elements

PCB1

PCB Reference

E7-HOME-AA01

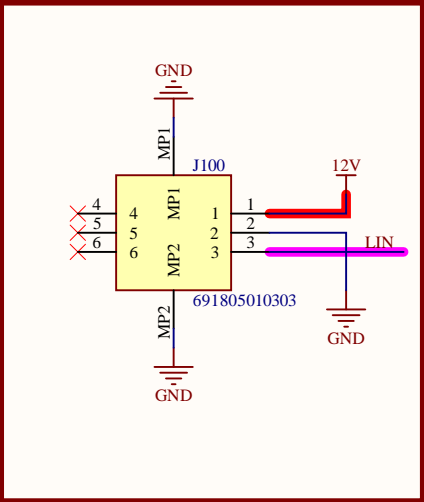
Stencil1

Stencil Reference

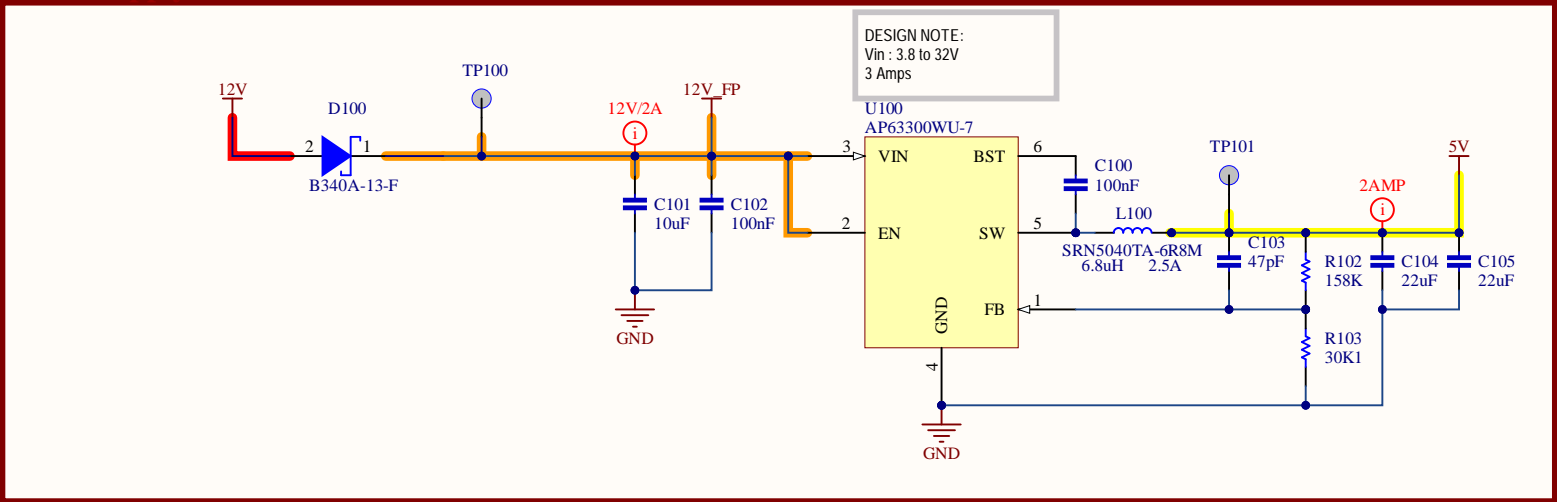
E9-HOME-AA01

Fujitsu interface for M5Stack Atom - ESPHome

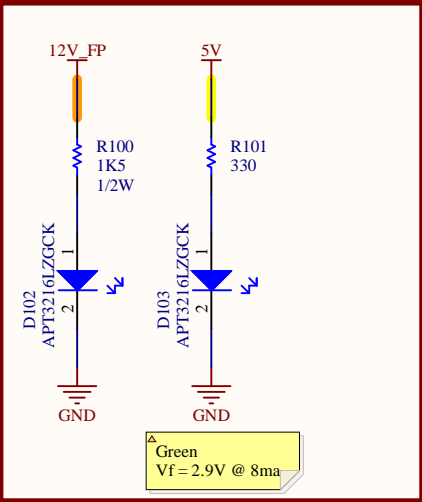
Connector to Fuji controler



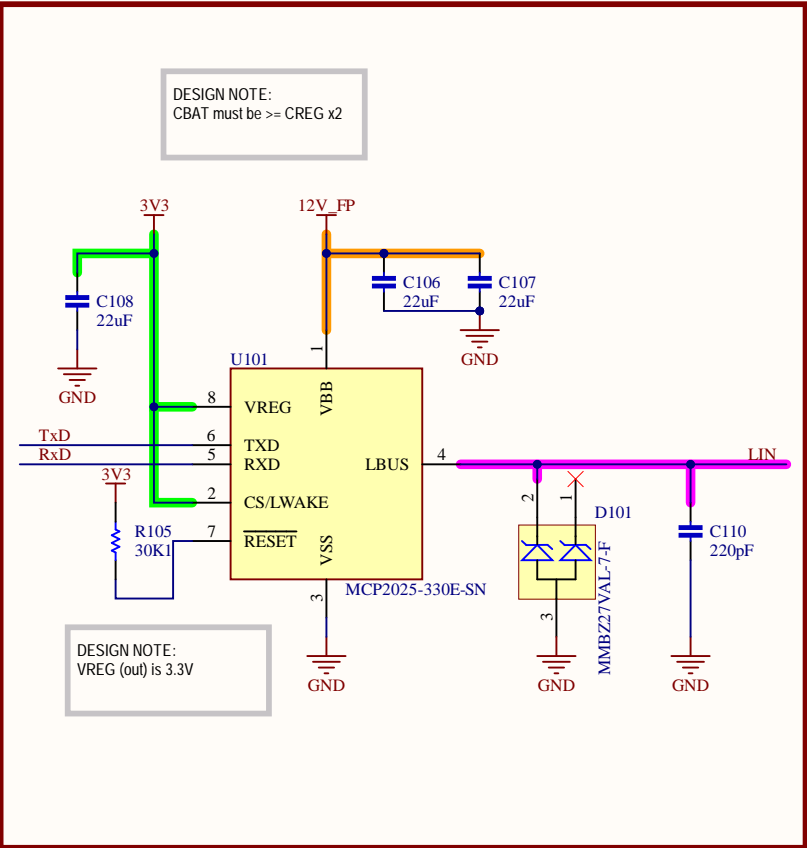
Power Supply - BUCK 24V to 5V/2A



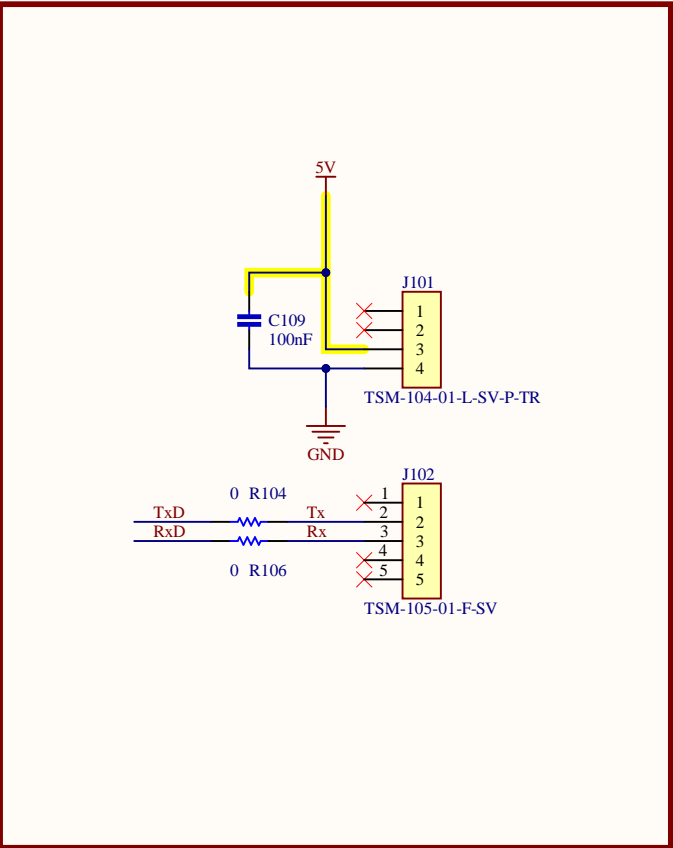
Leds



LIN Transceiver



M5Stack connectors



Projet: **AF-HOME-001**

Title: **Fujitsu interface for M5Stack Atom - ESPHome**

Size: A3

PN: HOME

Revision: AA01

Date: 20/09/2025

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FRANCE



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