

Designator
CoverPage.SchDoc



Designator
BlockDiagram.SchDoc



Designator
Schematics.SchDoc



Designator
RevisionHistory.SchDoc



Schematic Status Explanation

DRAFT - Very early stage of schematic, ignore details.
PRELIMINARY - Close to final schematic.
CHECKED - There should not be any mistakes. Tell the engineer if you find one.
RELEASED - A board with this schematic has been sent to production.

Proyecto: Sumo_Robot.PrjPcb		Documento: ProyectoSumo.SchDoc		
Autor: Rubén Granados		Curso: Simulación de Circuitos y PCB's		
Carnet: 22681	Fecha: 8/10/2024	Revision: 2.0	Tamaño: Carta	Hoja: 1 de 5



Sumo_Robot.PrjPcb

2.0

8/10/2024

PRELIMINAR

Page	Index
1	COVER PAGE
2	BLOCK DIAGRAM
3	SCHEMATIC
4	REVISION HISTORY

DESIGN CONSIDERATIONS:

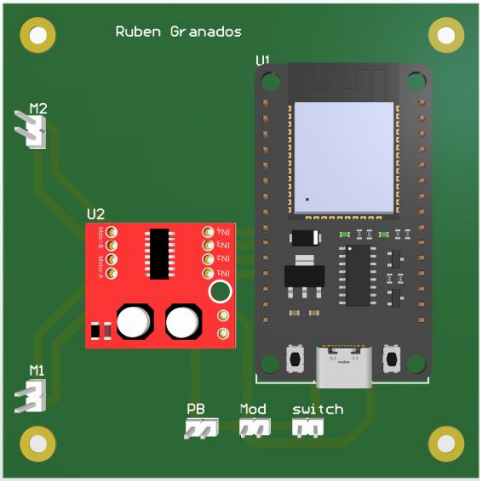
DESIGN NOTE:
Informational design notes.

DESIGN NOTE:
Debug notes

DESIGN NOTE:
Critical layout guidelines

DESIGN NOTE:
Cautionary design notes

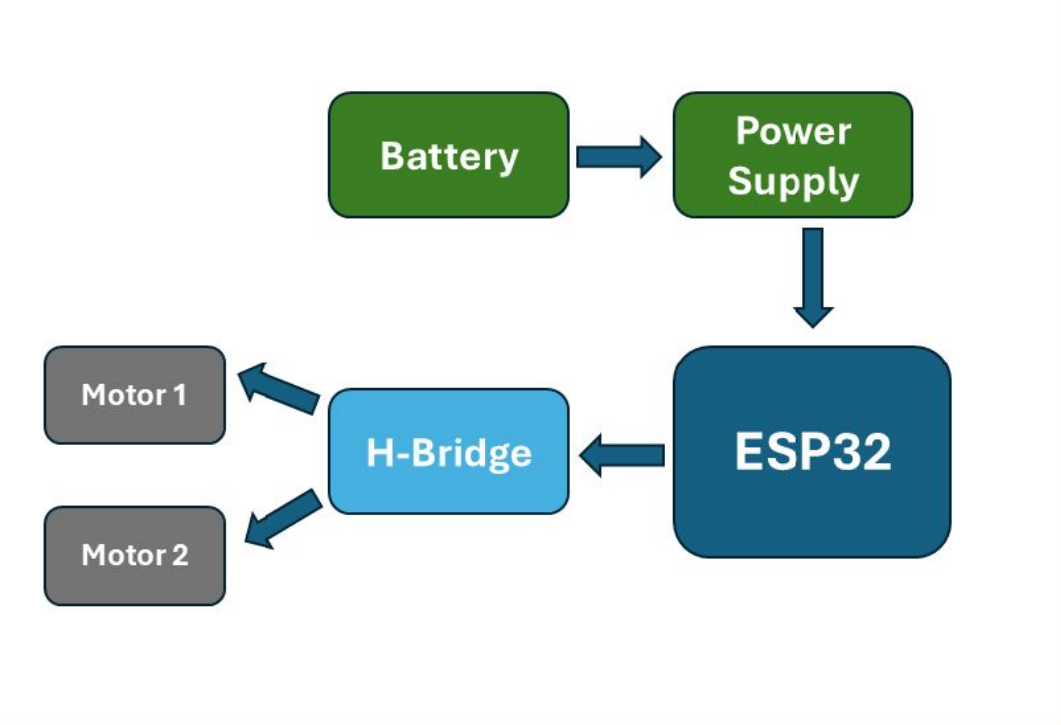
DESIGN NOTE:
Critical design notes



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BLOCK DIAGRAM

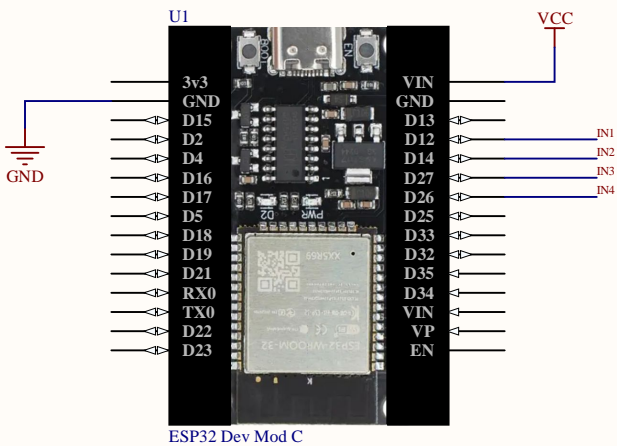


Proyecto: Sumo_Robot.PrjPcb		Documento: BlockDiagram.SchDoc		
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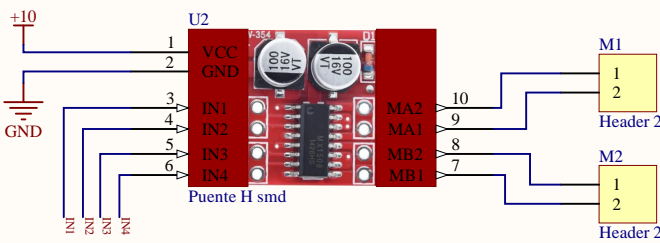
SCHEMATICS

Main Module



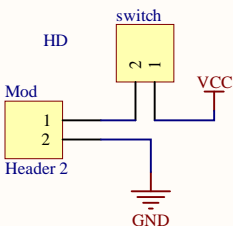
DESIGN NOTE:
THT component

Motor Controller



DESIGN NOTE:
THT components

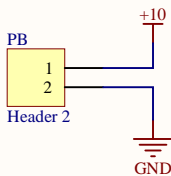
Power Supply 1



DESIGN NOTE:
5v OUTPUT


DESIGN NOTE:
Modulo Integrado
Externo

Power Supply 2



DESIGN NOTE:
Fuente Aislada

DESIGN NOTE:
Power Bank

Proyecto: Sumo_Robot.PrjPcb		Documento: Schematics.SchDoc			
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REVISION HISTORY

Fecha	Descripcion
26/08/2024	Sumo project launch
14/09/2024	Testing on Breadboard
21/09/2024	Making schematics

Proyecto: Sumo_Robot.PrjPcb		Documento: RevisionHistory.SchDoc		
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Ruben Granados

M2

U1

U2

M1

PB

Mod

switch

