POWER MANAGMENT

File: power_managment.kicad_sch

MICROCONTROLLERS

File: microcontrollers.kicad_sch

TELECOMMUNICATIONS

File: telecommunications.kicad_sch

PERIPHERAL

File: peripheral.kicad_sch

NodeMesh

EA7LAU

JUAN ANTONIO

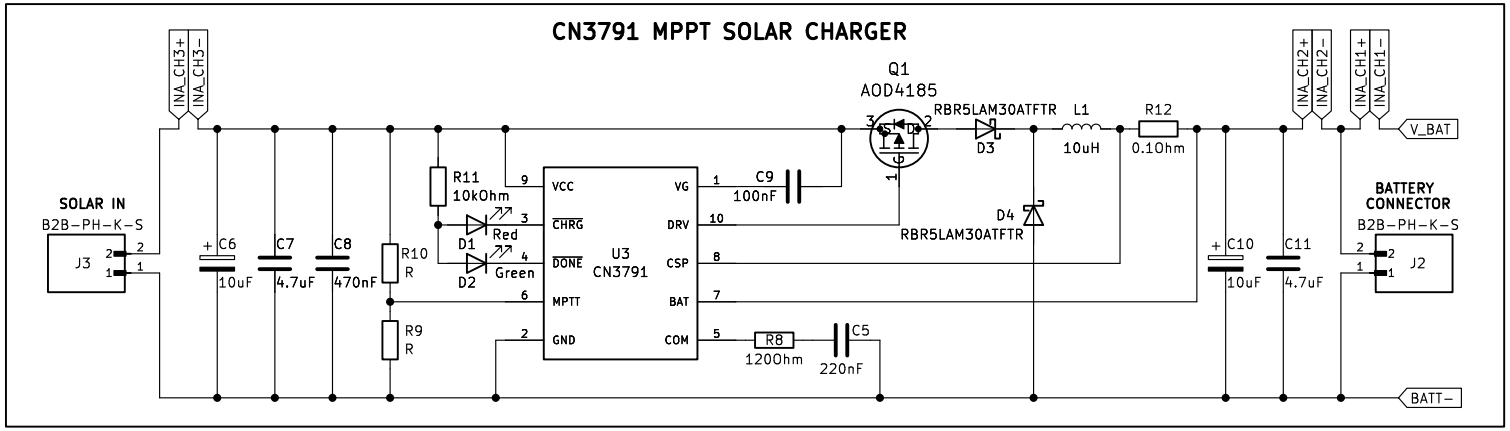
Sheet: /
File: 01_NodeMeshPCB_v1.0.kicad_sch

Title: NODEMESHPCB – SCHEMATICS

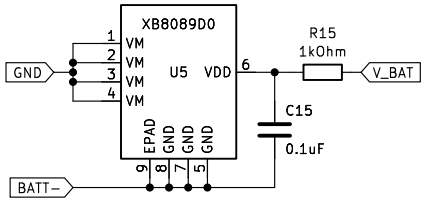
Size: A4	Date: 18/06/2025	**Rev: v1.0**
KiCad E.D.A. 9.0.2		Id: 1/5

POWER MANAGMENT

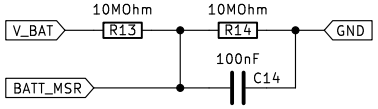
CN3791 MPPT SOLAR CHARGER



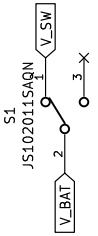
BATTERY PROTECTION IC



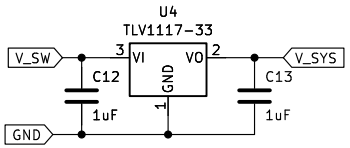
BATTERY MEASURE



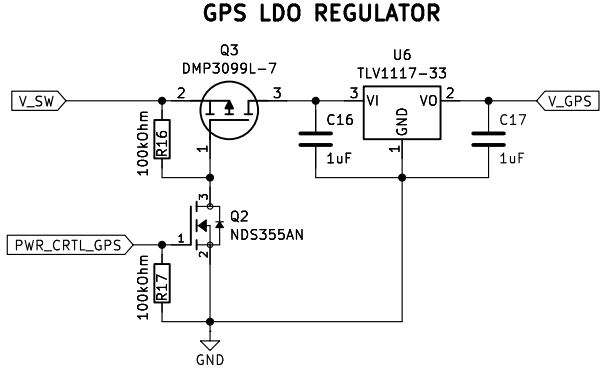
POWER SWITCH



SYSTEM LDO REGULATOR



GPS LDO REGULATOR



NodeMesh **EA7LAU**
JUAN ANTONIO

Sheet: /POWER MANAGMENT/
File: power_managment.kicad_sch

Title: NODEMESHPCB – POWER MANAGMENT

Size: A4	Date: 18/06/2025	**Rev: v1.0**
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MICROCONTROLLERS

NodeMesh

EA7LAU

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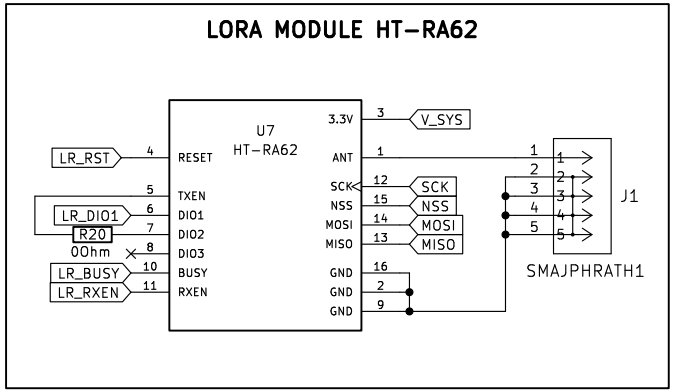
Sheet: /MICROCONTROLLERS/
File: microcontrollers.kicad_sch

Title: NODEMESHPCB – MICROCONTROLLERS

Size: A4	Date: 18/06/2025	**Rev: v1.0**
KiCad E.D.A. 9.0.2		Id: 3/5

TELECOMMUNICATIONS

LORA MODULE HT-RA62



NodeMesh **EA7LAU**
JUAN ANTONIO

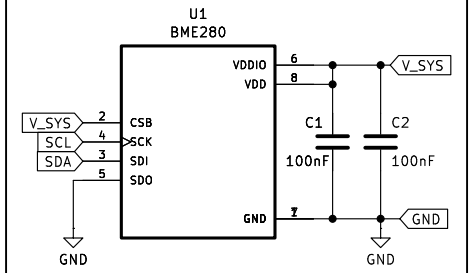
Sheet: /TELECOMMUNICATIONS/
File: telecommunications.kicad_sch

Title: NODEMESHPCB – TELECOMMUNITATIONS

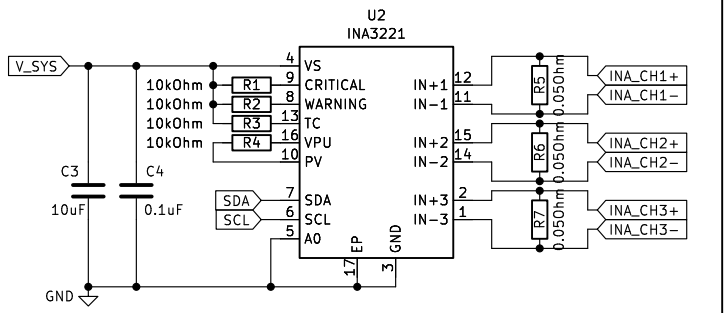
Size: A4	Date: 18/06/2025	**Rev: v1.0**
KiCad E.D.A. 9.0.2		Id: 4/5

PERIPHERAL

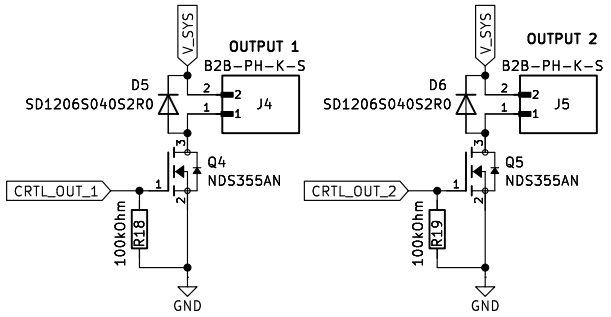
BME280 SENSOR



INA3221 CURRENT SENSOR



MOSFET OUTPUTS



NodeMesh **EA7LAU**
JUAN ANTONIO

Sheet: /PERIPHERAL/
File: peripheral.kicad_sch

Title: NODEMESHPCB – PERIPHERAL

Size: A4	Date: 18/06/2025	**Rev: v1.0**
KiCad E.D.A. 9.0.2		Id: 5/5