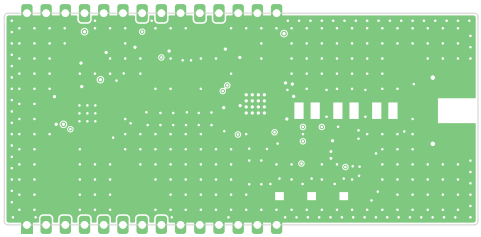


4 layers JLC04161H-7628: L1 RF + parts / L2 GND plane / L3 GND + control, supply / L4 GND
SX1262 + Skyworks SKY66122-11 FEM (+30 dBm) + SKY67150 LNA and LC band-pass in the FEM R

Sheet:
File: lora868_1w.kicad_pcb

Title: LoRa 868 MHz 1 W module

Size: A4	Date: 2026-11-02	**Rev: 3**
KiCad E.D.A. 10.0.4		Id: 1/8

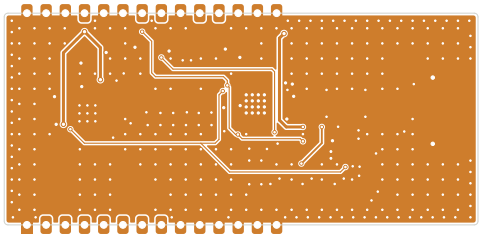


4 layers JLC04161H-7628: L1 RF + parts / L2 GND plane / L3 GND + control, supply / L4 GND
SX1262 + Skyworks SKY66122-11 FEM (+30 dBm) + SKY67150 LNA and LC band-pass in the FEM R

Sheet:
File: lora868_1w.kicad_pcb

Title: LoRa 868 MHz 1 W module

Size: A4	Date: 2026-11-02	**Rev: 3**
KiCad E.D.A. 10.0.4		Id: 2/8

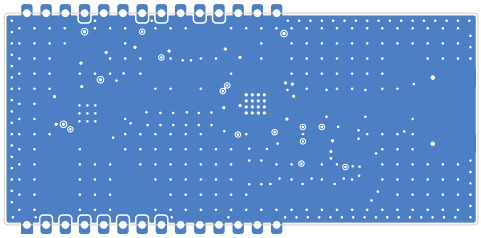


4 layers JLC04161H-7628: L1 RF + parts / L2 GND plane / L3 GND + control, supply / L4 GND
SX1262 + Skyworks SKY66122-11 FEM (+30 dBm) + SKY67150 LNA and LC band-pass in the FEM R

Sheet:
File: lora868_1w.kicad_pcb

Title: LoRa 868 MHz 1 W module

Size: A4	Date: 2026-11-02	**Rev: 3**
KiCad E.D.A. 10.0.4		Id: 3/8



4 layers JLC04161H-7628: L1 RF + parts / L2 GND plane / L3 GND + control, supply / L4 GND
SX1262 + Skyworks SKY66122-11 FEM (+30 dBm) + SKY67150 LNA and LC band-pass in the FEM R

Sheet:
File: lora868_1w.kicad_pcb

Title: LoRa 868 MHz 1 W module

Size: A4	Date: 2026-11-02	**Rev: 3**
KiCad E.D.A. 10.0.4		Id: 4/8

4 layers JLC04161H-7628: L1 RF + parts / L2 GND plane / L3 GND + control, supply / L4 GND
SX1262 + Skyworks SKY66122-11 FEM (+30 dBm) + SKY67150 LNA and LC band-pass in the FEM R

Sheet:
File: lora868_1w.kicad_pcb

Title: LoRa 868 MHz 1 W module

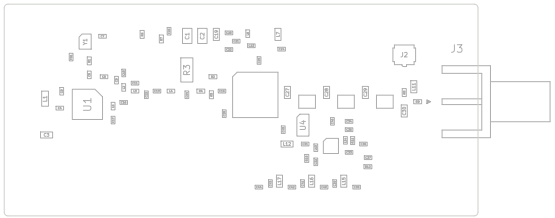
Size: A4	Date: 2026-11-02	**Rev: 3**
KiCad E.D.A. 10.0.4		Id: 5/8

4 layers JLC04161H-7628: L1 RF + parts / L2 GND plane / L3 GND + control, supply / L4 GND
SX1262 + Skyworks SKY66122-11 FEM (+30 dBm) + SKY67150 LNA and LC band-pass in the FEM R

Sheet:
File: lora868_1w.kicad_pcb

Title: LoRa 868 MHz 1 W module

Size: A4	Date: 2026-11-02	**Rev: 3**
KiCad E.D.A. 10.0.4		Id: 6/8



4 layers JLC04161H-7628: L1 RF + parts / L2 GND plane / L3 GND + control, supply / L4 GND
SX1262 + Skyworks SKY66122-11 FEM (+30 dBm) + SKY67150 LNA and LC band-pass in the FEM R

Sheet:
File: lora868_1w.kicad_pcb

Title: LoRa 868 MHz 1 W module

Size: A4	Date: 2026-11-02	**Rev: 3**
KiCad E.D.A. 10.0.4		Id: 7/8

4 layers JLC04161H-7628: L1 RF + parts / L2 GND plane / L3 GND + control, supply / L4 GND
SX1262 + Skyworks SKY66122-11 FEM (+30 dBm) + SKY67150 LNA and LC band-pass in the FEM R

Sheet:
File: lora868_1w.kicad_pcb

Title: LoRa 868 MHz 1 W module

Size: A4	Date: 2026-11-02	**Rev: 3**
KiCad E.D.A. 10.0.4		Id: 8/8