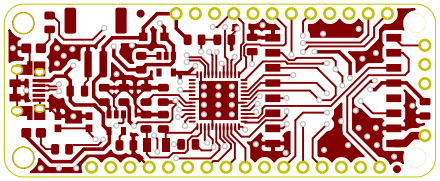

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Approved by: Diego Brengi

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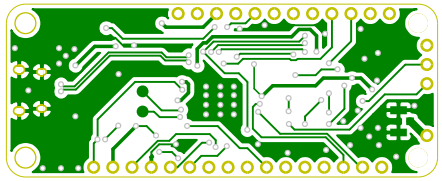
File: Feather.kicad_pcb

Title: Adafruit Feather M0 with LoRa Radio Module Adaptation

Size: A4	Date: 2021-08-13	Rev: A
KiCad E.D.A. kicad (5.1.10)-1		Id: 1/1



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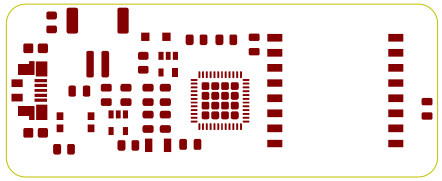

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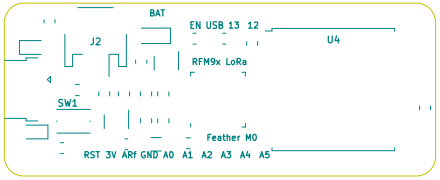

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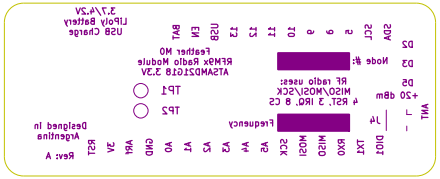

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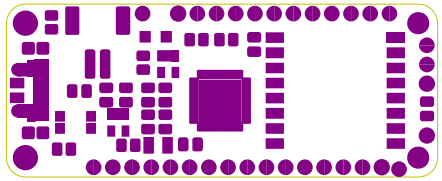

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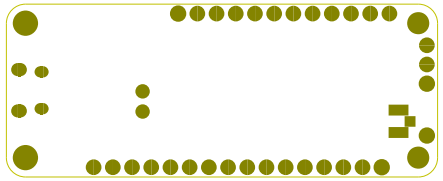

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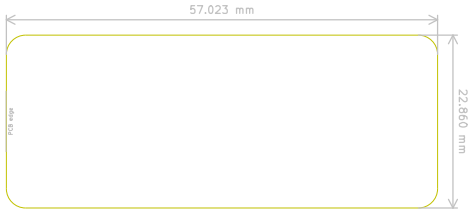

Stack-up

1 Oz — L1 (Top copper)

FR-4
1,6 mm

1 Oz — L2 (Bottom copper)

Surface finish: HASL
Soldermask color: Black
Silkscreen color: White

PCB Notes

1) Grid size: 0,127 mm (5 mils).
2) Minimum general clearance: 0,2 mm (7,87 mils).
3) Minimum via size: 0,8 mm/0,4 mm (31,5 mils/15,74 mils).
4) Minimum track width: 0,2 mm (7,87 mils).
5) Differential pair: 0,25 mm/0,15 mm (9,84 mils/5,90 mils).
6) CPWG antenna line: 1 mm/0,2 mm (39,37 mils/7,87 mils).
7) Designed according to Mayer Circuitos Impresos fabrication capabilities.
8) It was required to use 0805 as the minimum acceptable size for all components. For that reason, this design is 6,223 mm longer that the original one.
9) For compatibility reasons, PCB height can't be modified.

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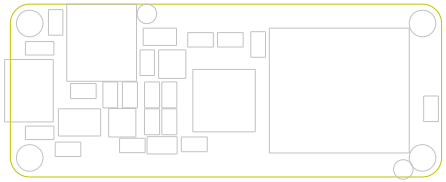

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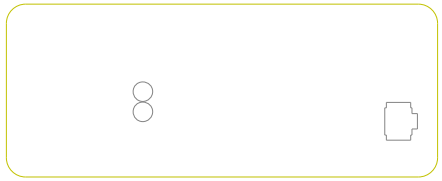

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