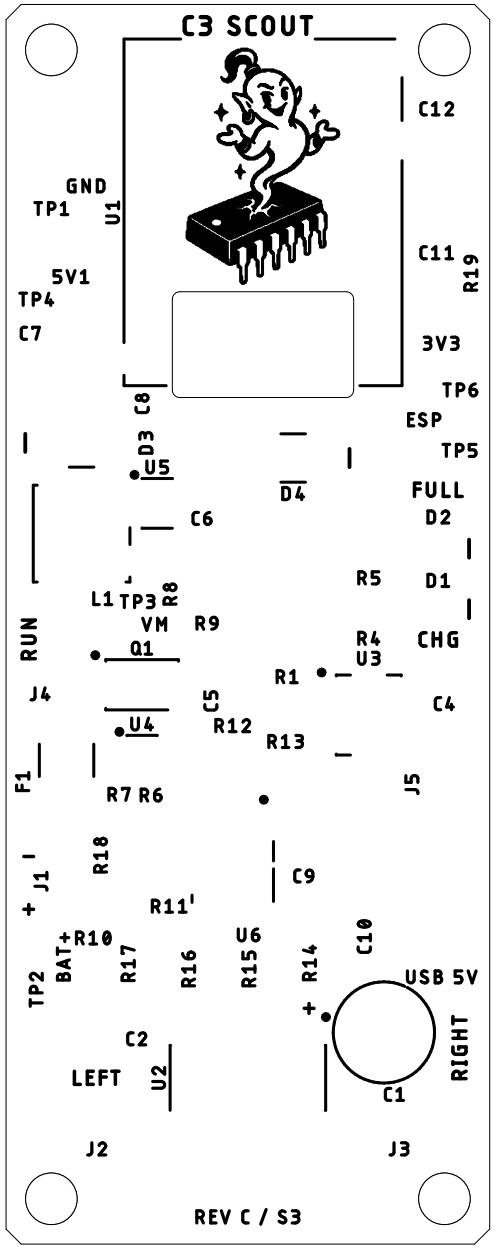
C3 SCOUT / CARRIER C v8

TOP / PRINTED SILK

Viewed from the component side



DESIGN DETAILS

Small IC Genie: 15.6 mm tall.

Installed ESP module covers this logo.

Connector polarity and pin 1 retained.

52 printed component references.

CHECKED IN THIS REVISION

Art matches the manually cleaned board.

Minimum text height: 1.0 mm.

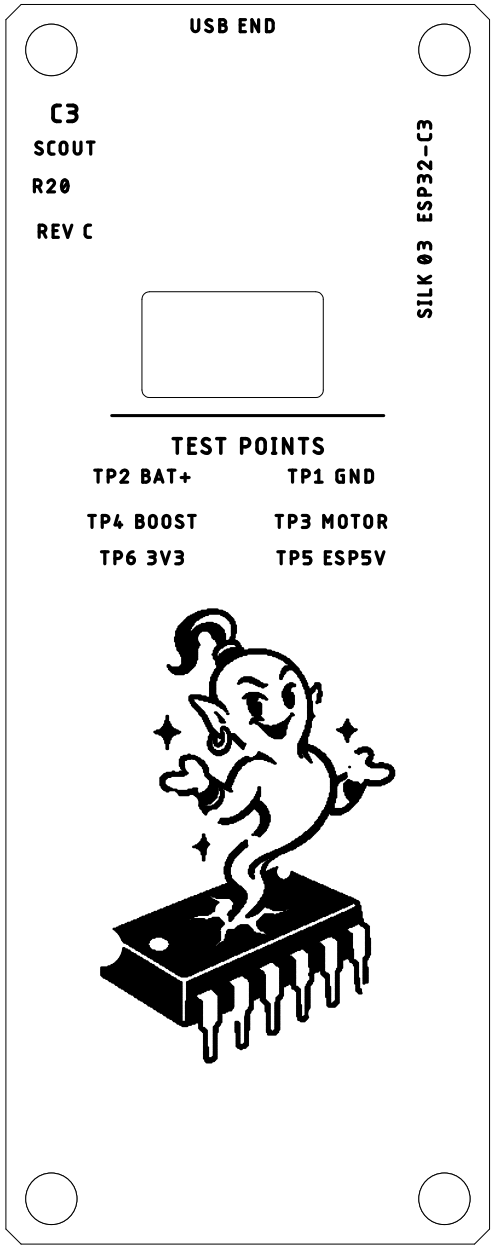
Minimum logo stroke: 0.15 mm.

Graphic to mask opening: 0.266 mm.

C3 SCOUT / CARRIER C v8

BOTTOM / PRINTED SILK

Mirrored to show the physical underside



DESIGN DETAILS

Large IC Genie: 30 mm tall.

Test-point lookup remains above logo.

Small bottom Genie remains removed.

R20 reference remains printed below.

CHECKED IN THIS REVISION

All artwork positions unchanged.

C3/R2/R3: non-printing layer 52.

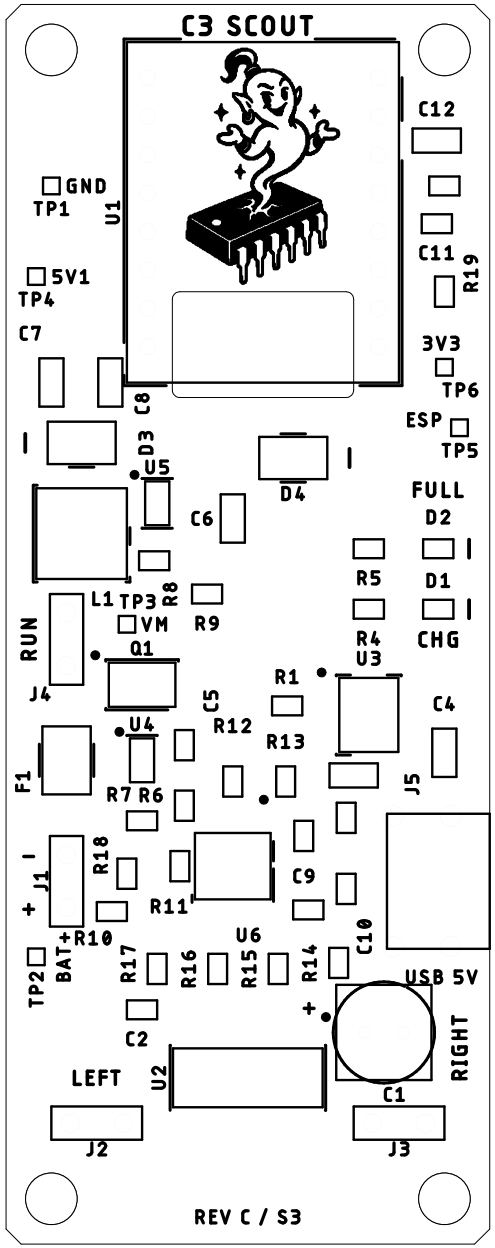
Large logo stroke: 0.18 mm.

Graphic to mask opening: 0.274 mm.

C3 SCOUT / CARRIER C v8

TOP / ASSEMBLY REFERENCE

Body outlines included for placement



DESIGN DETAILS

56 components, all mounted on top.

52 references printed on top.

Small Genie is beneath the ESP module.

J1 battery; J2 left; J3 right motor.

J4 RUN switch; J5 charge USB-C.

CHECKED IN THIS REVISION

Component positions unchanged.

All four M3 mounting holes unchanged.

Net assignments and libraries unchanged.

Schematic content unchanged.

Native Fusion drawing; explanatory headings added after export. Scale 2:1 at 100%. Prototype, not a Gerber fabrication release.