



TTGO LoRa32 v2.1.1.6 *and* T3S3 cases for Meshtastic

T TonyG

VIEW IN BROWSER

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Summary

TTGO LoRa32 v2.1.1.6 *and* T3S3 case designs for use with the Meshtastic® project.

[Hobby & Makers](#) > [Electronics](#)

Tags: [thingiverse](#) [ttgo](#) [lora](#) [meshtastic](#) [lora32](#) [ttgolora32](#)

****You can purchase this case and others already printed:****

US customers can purchase from QuantumShadow3D:
(<https://www.etsy.com/shop/QuantumShadow3D>)

UK/EU customers can purchase from 3DChicken:
(<https://www.3dchicken.co.uk>)

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With all that said, now on to the models...

Update 2-February-2024:

- Updated v24 18650 back models; fixed minor corner defect (void left inside wall)
- Updated v22c frame models; all frames now support T3S3 v1.0, v1.1, and v1.2 boards with and without qwiic/STEMMA connectors (single and double)
- All front, frame, and back cover models now support GPS antennas

Required hardware:

- Four (4) M3x18mm socket head cap screws
- Four (4) M3 nuts
- Two (2) M2 screws (to secure board to frame model)
- One (1) LiPo battery pack:
 - Amazon: 1,100mAh - <https://amazon.com/1100mAh-Rechargeable-Protection-Insulated-Development/dp/B0867KDMY7>
 - Ali Express: 1,000mAh - <https://www.aliexpress.com/item/1005003417080612.html>
- For TTGO LoRa32 2.1-1.6 only: One (1) momentary micro push button (for PRG): <https://amazon.com/gp/product/B07C7211PJ>

Optional accessories:

- Tlora+T3S3_v22_SMA-gasket-large - Print in TPU

Notes:

- xxx_button-frame1 has slightly tighter print tolerance than xxx_button-frame2; if #1 doesn't fit try printing #2
- Back covers named Tlora+T3S3 are universal and fit both TTGO LoRa32 v2.1-1.6 or T3S3 cases
- Designed for lithium ion battery with dimensions 7mm (H) x 30mm (W) x 48mm (L) (Battery code 703048), or 18660 cell with battery holder (protected cells are recommended for safety!)

This remix is based on

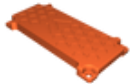
None

None

Model files



t3s3_v22_front-ribs.stl



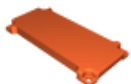
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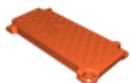
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tlora_v22_front-waves.stl



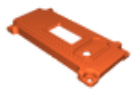
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tlorat3s3_v22_front-noscreen-hexagons1.stl



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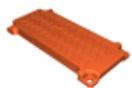
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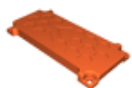
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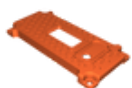
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tlorat3s3_v22_front-noscreen-mpwrdr.stl



t3s3_v22_front-blank.stl



t3s3_v22_front-hexagons1.stl



t3s3_v22_front-circles.stl



tlora_v22_front-hexagons2.stl



tlorat3s3_v22_front-noscreen-mlogo.stl



tlorat3s3_v22_front-noscreen-ribs.stl



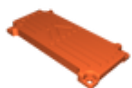
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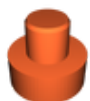
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tlorat3s3_v22_front-noscreen-ribs.stl



t3s3_v22_button-user.stl



tlorat3s3_v22_sma-gasket-small.stl



tlorat3s3_v22_button-reset.stl



tlorat3s3_v22_sma-gasket-large.stl



t3s3_v22_button-frame1.stl



tlorat3s3_v22_button-power.stl



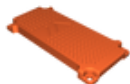
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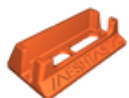
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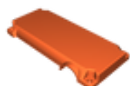
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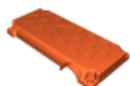
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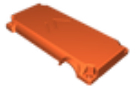
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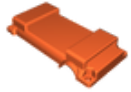
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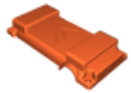
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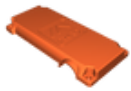
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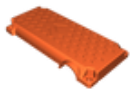
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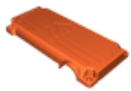
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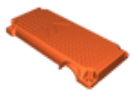
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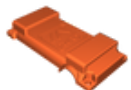
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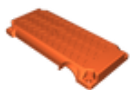
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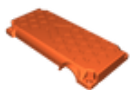
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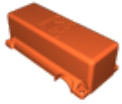
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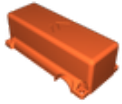
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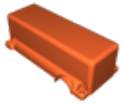
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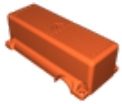
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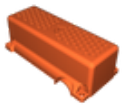
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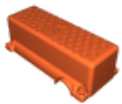
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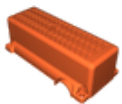
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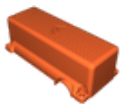
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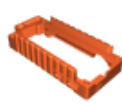
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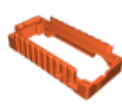
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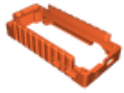
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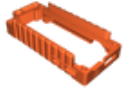
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t3s3_v24_frame.stl



t3s3_v24_frame-qwiic-x1.stl



t3s3_v24_frame-qwiic-x2.stl

Other files

laser-cut_acrylic_window_insert_v3.svg

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