

LDR Sensor Enclosure

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Summary

A recent project I was making required an LDR and it was very cheap to purchase a bulk load already on small boards...

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A recent project I was making required an LDR and it was very cheap to purchase a bulk load already on small boards that use the LM393 & output Analog & Digital signals, from Ali Express:

<https://www.aliexpress.com/item/1959461876.html>

I designed a small enclosure in FreeCAD to house the sensor.

There is also access in the base to the sensitivity adjuster.

Secured with a No.4 x 1/4" self tapper.

No fancy filament, just cheap SUNLU PLA from AliExpress.

The dropdown box does not have my exact printer but it is:

Anycubic Mega Zero 2

Hotend @ 190°C

Bed @ 60°C

Print Settings

Printer Brand:

Anycubic

Printer:

All-metal Mega

Rafts:

No

Supports:

Yes

Resolution:

0.12

Infill:

25%

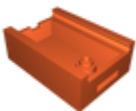
Filament: SUNLU PLA Black

Category: Electronics

Model files



cover.stl



base.stl

[Find source .stl files on Thingiverse.com](#)

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