



## Separatable Pinecil case optimized for soldering on the go

 **VWU**

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### Summary

Updates to Termiman's Pinecil case to add a few things I wanted.

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I really liked the idea of Termiman's Pinecil case, but there were a several changes I wanted. These are my changes.

- Moved around the accessory storage to keep the soldering iron on the right as I am right handed.
- Made the brass sponge holder removable to make it easier to empty of debris.
- Left the flux section open to be customizable via foam for either a syringe or a pen.
- Added extra tip storage.
- Removed USB cable storage. I am often traveling with one anyway.
- Added half-pin hinge so that the two sides can be separated to more easily set up my work area.
- Magnet holder for Pinecil sleep mode mod ([https://wiki.pine64.org/wiki/Pinecil\\_Hall\\_Effect\\_Sensor](https://wiki.pine64.org/wiki/Pinecil_Hall_Effect_Sensor))

Additional parts needed:

- 1 608 bearing
- 4 6x3 magnets (2 for the latch and an optional 2 for the iron holder to trigger sleep mode (see below))
- 2 4D nails for the hinges

The soldering iron holder uses a 608 bearing and uses 6x3 magnets (1 or 2 depending on the strength required for your iron) to trigger sleep mode in the Pinecil. Sleep mode requires a mod ([https://wiki.pine64.org/wiki/Pinecil\\_Hall\\_Effect\\_Sensor](https://wiki.pine64.org/wiki/Pinecil_Hall_Effect_Sensor)) to add a hall effect sensor in order to detect the magnets.

For the half pin hinge, I used 4D finishing nails. I cut the back off and filed the tip to be rounder and safer before pressing them into the case. Additional 6x3 magnets are used instead of a latch.

## This remix is based on



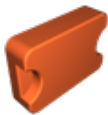
**Pinecil, TS100, TS101, TS80 & TS80p Case with options, Stand, Solder Reel, Storage Box**

by Termiman

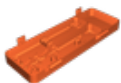
## Model files



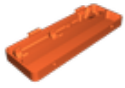
**holder.stl**



**brassspongecap.stl**



**bottomcase.stl**



**topcase.stl**



**reeltop.stl**



**reelbottom.stl**

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