



## AA joule thief LED flash light



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### Summary

Compact housing for one AA battery to hold a little joule thief circuit and a 5mm LED

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Amazing circuit: Joule thief, build around a ferrite bead, running a 5mm LED from even flat AA batteries, down to 0.3V...

The circuit is self oscillating, mine is resonant at about 250Hz.

How to build the circuit, you can easily follow the video of Big Clive:

<https://youtu.be/K53beWYdlpc>

There is a little space in this print, taking the circuit, screwed together with two screws M3x12

# Model files



joule-thief-cap.stl



joule-thief-cover.stl



joule-thief-body.stl

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