

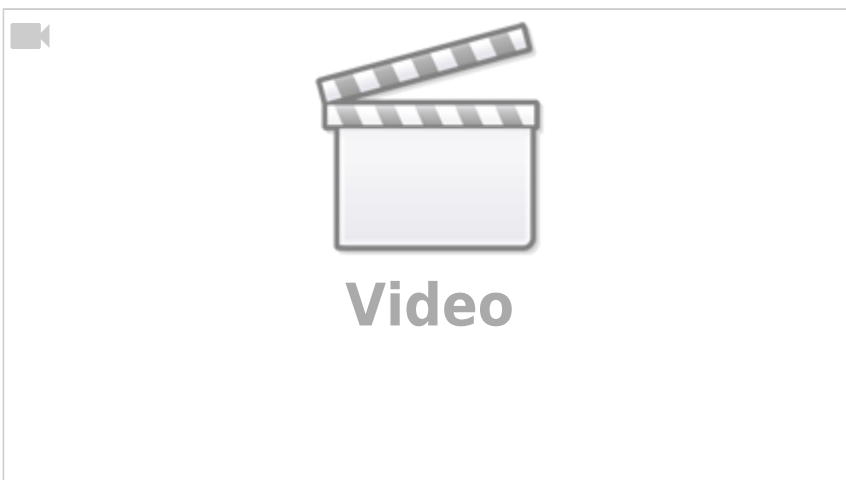
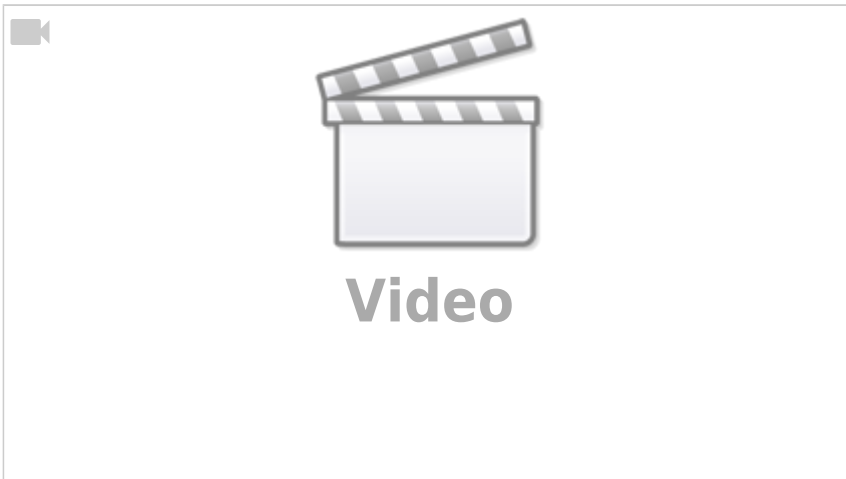
ESP32 CAM Development

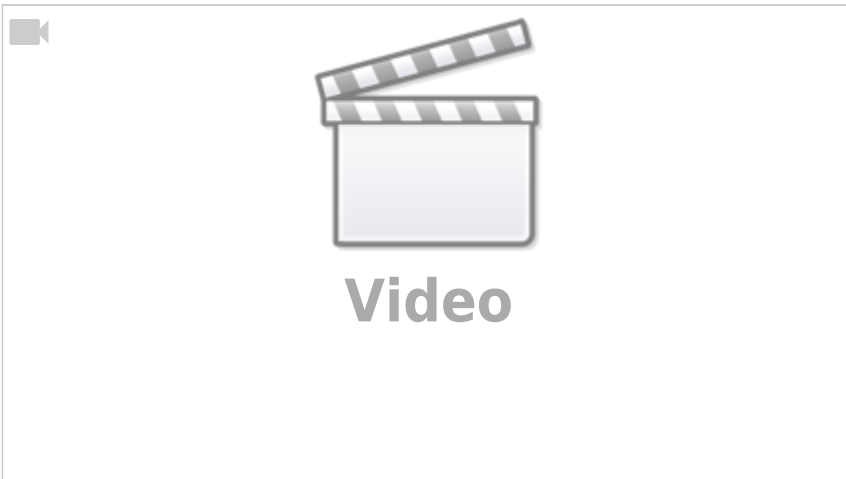
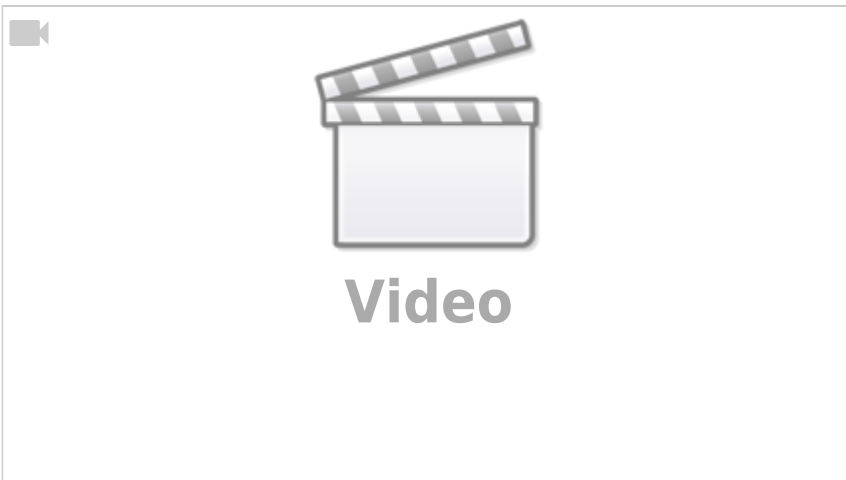
- [Adafruit bq24074 solar charger](#)
- [Design Notes MPPT](#)
- [Adafruit bq24074 downloads incl. schematics](#)
- TI datasheet [BQ2407x Standalone 1-Cell 1.5-A Linear Battery Chargers with Power Path](#)
- TI datasheet [LP3869x/-Q1 500-mA Low-Dropout](#)

AI Thinker ESP32 Cam


- [Random Nerd Tutorial on ESP32-Cam](#)
- <https://randomnerdtutorials.com/esp32-cam-take-photo-display-web-server/>

Videos (to be sorted)





Seed XIAO ESP32S3 Sense Expansion Board incl. Cam

-  **Main Wiki Page: [Getting Started with Seed Studio XIAO ESP32S3 \(Sense\)](#)**
At the bottom of this wiki page are the link to the [design resources](#).
- [Pin Multiplexing with Seed Studio XIAO ESP32S3 \(Sense\)](#)

- [File System and XIAO ESP32S3 Sense](#)
- [Product Page: Seeed Studio XIAO ESP32S3](#)
- **[XIAO ESP32S3 V1.1 Schematic](#)**
- [XIAO ESP32C3 Schematic](#)
- [XIAO_ESP32S3_ExpBoard_v1.0_SCH.pdf](#)
- [The Inside Story of XIAO ESP32S3 Designing](#)

Marcelo Rovai on TinyML

- [Marcelo Rovai's git repo](#)
- [MJRoBot.org \(Marcelo Rovai\)](#)
- [ESP32-CAM: TinyML Image Classification - Fruits vs Veggies](#)

XIAO ESP32S3 Comonents

- [SGM6029](#) Ultra-Low Quiescent Current, Synchronous Buck Converter, 3V3
- [SGM40567](#) Small Capacity Compact Battery Charger for Loosely Coupled Wireless Charging/Solar Charging
- LDOs for cam: <https://www.sg-micro.com/show-product-502.html>

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