

# EPDIY V7 KALEIDO BOARD WITH TOUCH & FL DRIVER

## 6" EINK CONTROLLER

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Designed by Valentin Roland **epdiy** is a powerful driver board for affordable e-Paper (or E-ink) displays. Latest version 7 of the PCB uses ESP32-S3 microcontroller and LCD module to drive the displays.

Features:

- 34 pin FPC connector compatible with many 6" like EC060KH5 Kaleido, ED060XC3 (1024x758 Kindle paperwhite 1)
- MicroSD module, so you can make an e-reader with any additional Wiring
- Professional EINK voltages with TPS65185
- ESP32S3 with 8 MB external RAM. WiFi & BLE with on board Antenna
- QWICC Connector for I2C sensors
- All ready for RTC PCF8563 (Optional)

### USE CASES

- Industrial signaling with sensors (room temperature, humidity, CO2)
- Custom ebook readers
- Digital signaling
- Photo frames with high resolution
- Full color epaper displays (Kaleido EC060KH5 color array supported in s3\_color\_implementation branch)

