epdiy v7
8 & 16 bit parallel epaper controller
ESP32S3 16 bit octal PSRAM

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

- ED133UT2 13.3", 8 bit, 1600 x 1200 displays
- All 9.7", 8 bit, 1200 x 825 displays
- All 40 pin modern Eink.com / GoodDisplay DES/ Waveshare, 16 bit, different resolutions
- RTC on board: PCF8563
- Professional industry standard PMIC to generate high voltages that this displays need: TPS65185
- Fast ESP32-S3 with 16 MB PSRAM that is enough for most applications. Additionally offering WiFi and BLE using the built in PCB Antenna

Firmware: https://github.com/vroland/epdiy Current S3 branch: s3_lcd
Working Demos that come with the firmware: Dragon (simple C array drawing) www-images (download JPG and render), Grayscales, Terminal and much more.
FASANI CORP. is fabricating, as an **epdiy collaborator**, a modified version that is also a fully open source PCB as per license terms only oriented to big displays (>=9.7 inches)

Preview and more information at the tindie sales page