**Technical Specifications**

- Five array ports and six power ports (+3.3V and GND).
- Access to 5xUART, 2xI²C, SWD, BOOT0, RESET.
- FTDI FT230XQ-R USB 2.0 Full Speed to serial UART converter:
  - 300 baud to 3 Mbaud data transfer rate.
- STM32F091CBU6 MCU with 8MHz external oscillator.
- TI LM3940IMP-3.3/NOPB 3.3V / 1A low dropout regulator regulates the USB Vbus down to +3.3V.
- 2-pin 2.54mm jumper to enable/disable 3.3V output voltage from Vbus.
- Receptacle USB connectors:
  - H11R10: USB-B through hole, right angle.
  - H11R20: Mini USB-B, surface mount, right angle.

**Example Arrays**

Available colors: 🟢

---

**HEXABITZ.COM**

18 June 2017 • BOS v0.0.0

**Bricks for the Digital Age!**
USB-B 2.0 to UART bridge H11Rx0

x = 1, 2, 3