



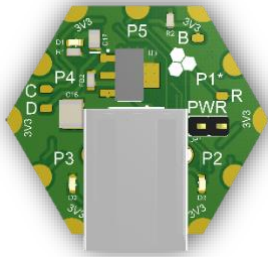
H11Rx0 x = 1,2,3

USB-B 2.0 to UART bridge

Communication

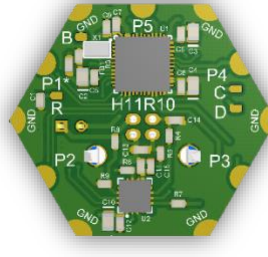
Technical Specifications

Example Arrays

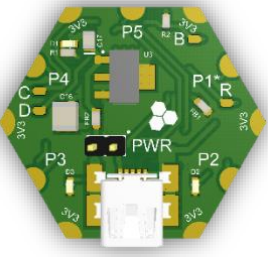


Top (1:1)

H11R10

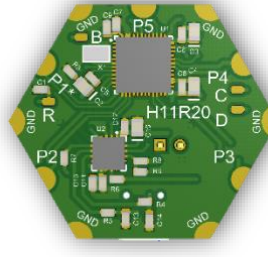


Bottom (1:1)

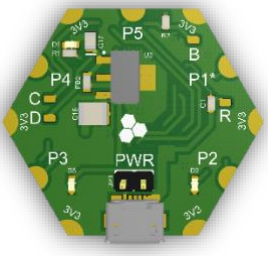


Top (1:1)

H11R20

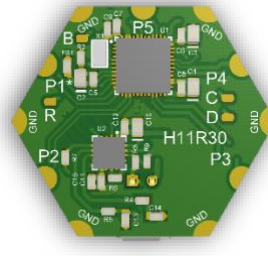


Bottom (1:1)



Top (1:1)

H11R30



Bottom (1:1)

- 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.
 - **H11R30**: Micro USB-B, surface mount, right angle.

Available colors:



