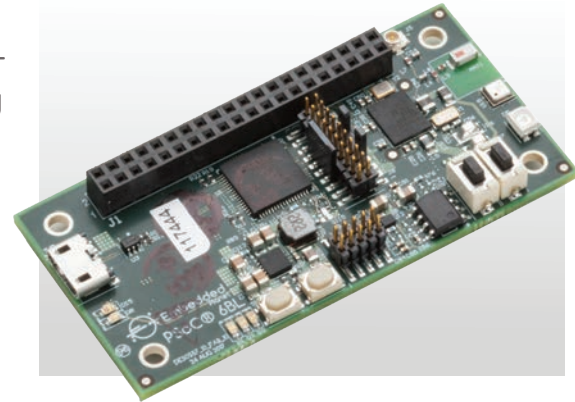


EPM2M96CYP6

The EPM2M96CYP6 is an 96boards IoT compliant module and is a compact, cost-effective, and powerful platform for developing IoT applications. The EPM2M96CYP6 can be used as a BLE beacon and support Mbed OS with programming via the PSoC5. At the heart of the module is the Cypress PSoC6 ARM Cortex M processor. Sensing data is provided by the Bosch BME 680. The External Bus Connector (EBC) provides direct access to the Cypress PSoC6.

The EPM2M96CYP6 can be combined with the I/O module which supports the cellular common foot print, several pmod and Grove connectors.

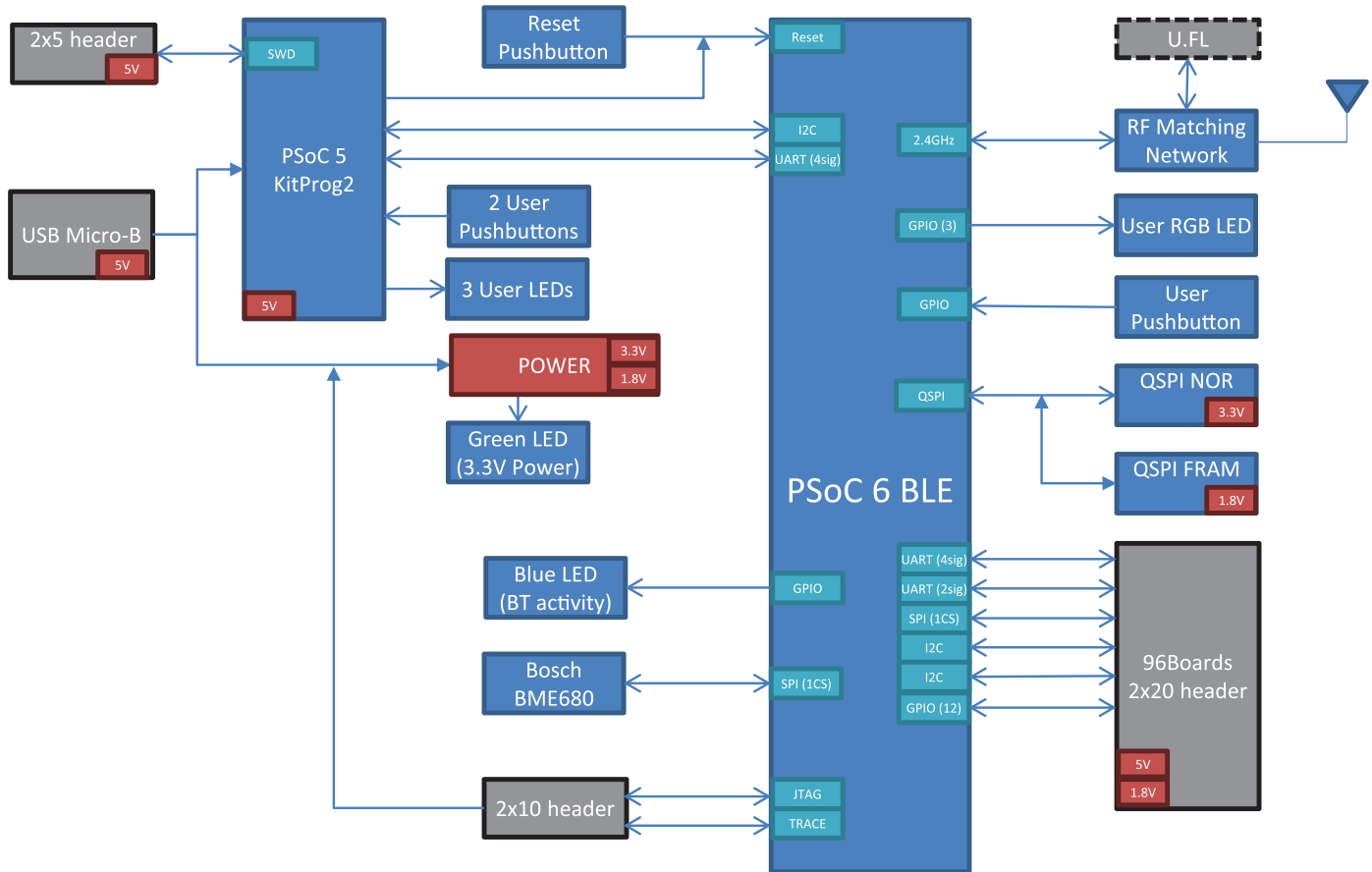


Feature Summary:

Specification:	Description:
Form Factor:	PSoC 6 BLE based sensor module in the 96Boards IoT Edition form factor
Processor:	PSoC 63BL SoC with 150MHz ARM Cortex-M4F 32-bit CPU and 100MHz Cortex M0+ CPU.
Flash Memory:	QPSI FRAM 1Mb (128k x 8) QSPI NOR Flash 512Mb (64MB)
Ports:	USB Micro-B Port 96 Boards 2x20 Header
Wireless:	Bluetooth Low Energy BT 4.2 with on-board trace antenna and option U.FL connector
Sensor:	Bosch BME680 gas, pressure, temperature and humidity sensor
User Input:	2 User push buttons
LEDS:	1 User - RGB User - Red, Orange, Green Power - Green Bluetooth activity - Blue
Interfaces Available on 96 Boards expansion header:	Two I2C interfaces One SPI interface Two UARTs 12 GPIO
Programmer:	PSoC 6 based KitProg2 on-board programmer/debugger
Supply Voltage:	5V through USB Micro-B Connector

EPM2M96CYP6

M2M Data Access and Management



Let Us Do The Heavy Lifting



- Embedded Planet offers a complete set of software and hardware services to go along with our Off-the-Shelf solutions.
- Embedded Planet has extensive experience with embedded operating systems and firmware. Our stock configurations of operating systems and firmware can be customized to meet your particular needs.
- We can alleviate the headaches associated with volume production of embedded systems. Your product is delivered 100% tested from an ISO-9002 certified manufacturing facility.
- Our capabilities are available on a project basis to design custom solutions specifically tailored to your application.
- Contact Embedded Planet to find out how we can accelerate your project.