# AUGMENT UDOO BOARDS AND MAKE THEM MORE VERSATILE
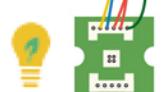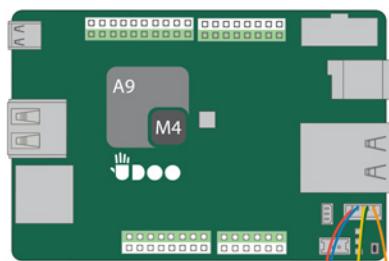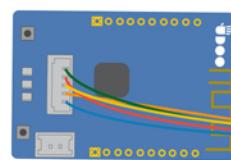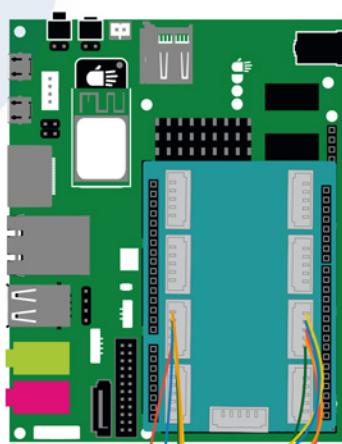
UDOO BRICKS

UDOO BRICKS FEATURE

I2C Snap-In Connector
Plug into the I2C port thanks to the brand new Snap-In Connector

Cascade Configuration
Attach multiple sensors to the same board without wasting space

Broad selection
Tons of BRICKS to choose from: Humidity, Temperature, Altimeter, Relay, Light, Gesture, etc.

Compatible with all UDOO BOARDS
UDOO BRICKS are compatible with all the available UDOO BOARDS

www.udoo.org

UDOO BLU
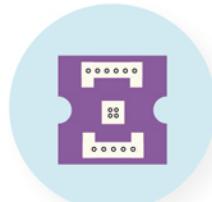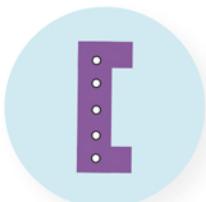
THE FLEXIBLE WIRELESS EXTENSION FOR YOUR IoT PLATFORM

Bluetooth Low Energy
Multi-standard 2.4 GHz
ultra-low power consumption

9-Axis Motion Sensors
Accelerometer
Gyroscope
Magnetometer

UDOO Bricks compatible
Compatible with all UDOO
BOARDS

Extremely Small Size
Board (45mm x 35mm;
1,77inch x 1,37inch)

FEATURES

	Processor	Texas Instruments CC2650 ARM® Cortex®-M3 Up to 48 MHz
	Networking	Bluetooth Low Energy (BLE) ZigBee, 6LoWPAN
	Integrated Sensors	FXOS8700CQ Accelerometer+Magnetometer FXAS21002C Gyroscope+Temperature 1x Sensors Snap-in i2C connector for UDOO Bricks
	LEDs	3x User Configurable LEDs (Red, Yellow, Green)
	Dimensions	45mm x 35mm (1,77inch x 1,37inch)
	Digital I/O Pins	8x Digital GPIOs
	Analog Input Pins	6x Available ADCs
	Button	2x Buttons
	Other Interfaces	1x I2C 1x SPI 1x UART Serial
	Power Supply	Battery holder (button-cell) CR 2032 External power supply

18.10.2016

TOP

POWER — GND · RX · TX · 3V · D7 · RESET · VIN · CLK · MISO · MOSI
UART — DIGITAL I/O — SPI

Button
LEDs
Processor
i2C Connector
Button
Power Supply

Bluetooth Wi-Fi

I2C — SDA · SCL · D6 · D5 · D4 · D3 · D2 · D1 · D0 · GND — DIGITAL I/O

ANALOG IN — A5 · A4 · A3 · A2 · A1 · A0

BOTTOM

Accelerometer Magnetometer
Gyroscope
Battery Holder

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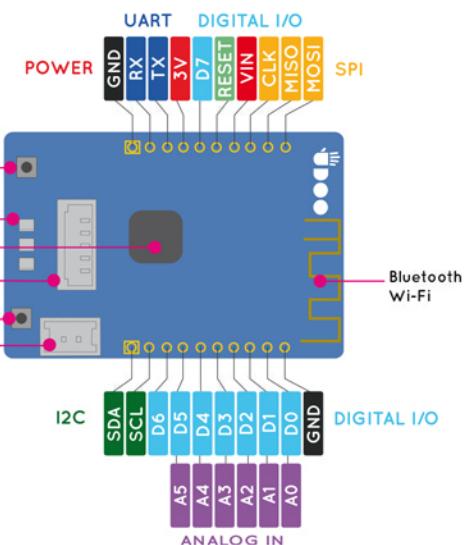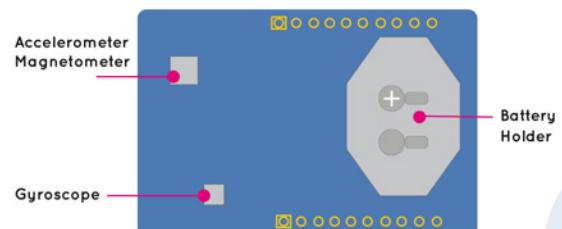
X-ON Electronics

Largest Supplier of Electrical and Electronic Components

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