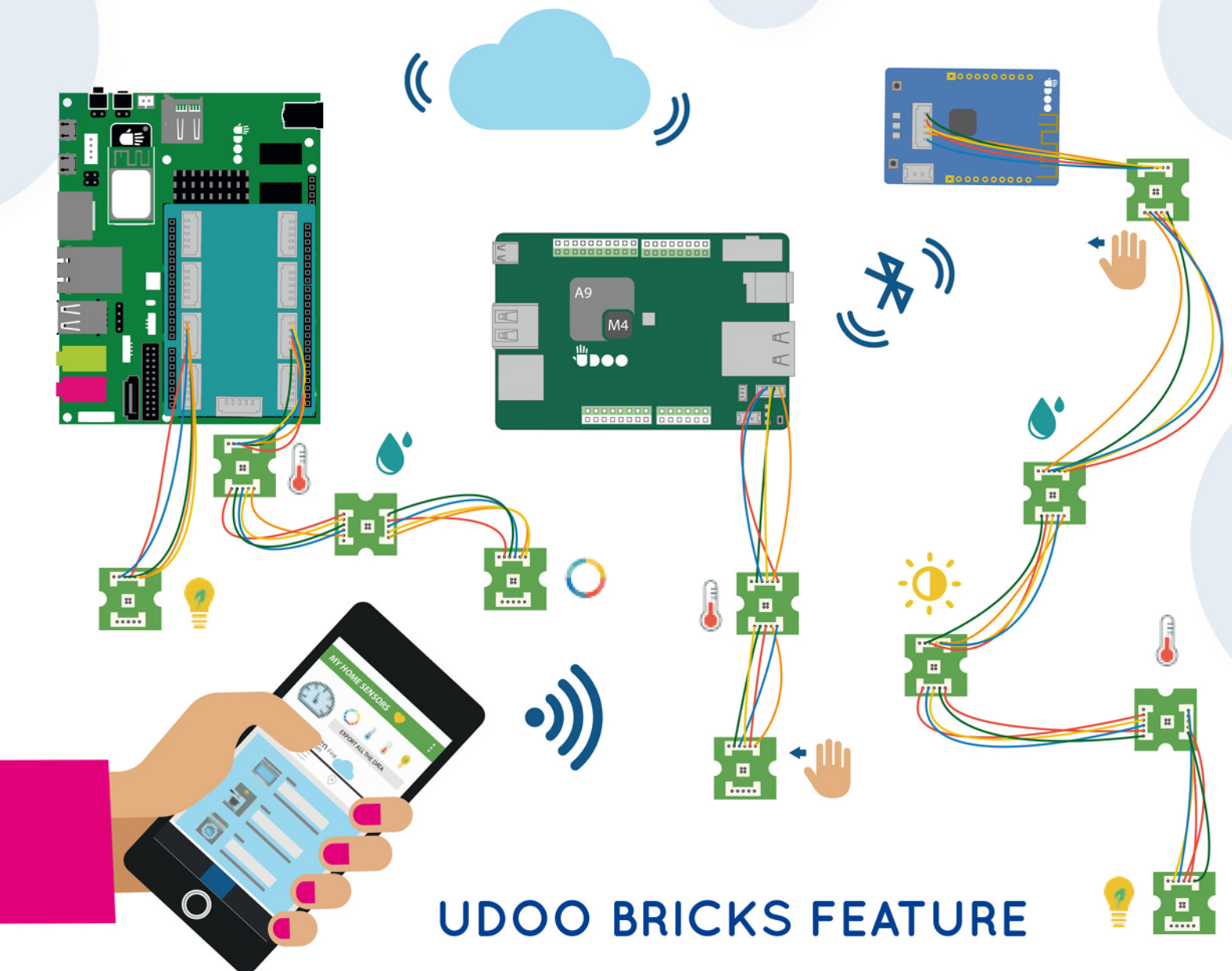


AUGMENT UDOO BOARDS AND MAKE THEM MORE VERSATILE



UDOO BRICKS FEATURE

I2C Snap-In Connector

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

Cascade Configuration

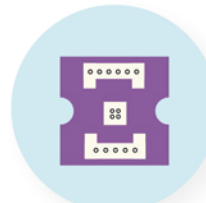
Attach multiple sensors to the same board without wasting space

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



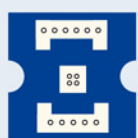


THE FLEXIBLE WIRELESS EXTENSION FOR YOUR IoT PLATFORM



Bluetooth Low Energy

Multi-standard 2.4 GHz
ultra-low power consumption



UDOO Bricks compatible

Compatible with all UDOO
BOARDS



9-Axis Motion Sensors

Accelerometer
Gyroscope
Magnetometer



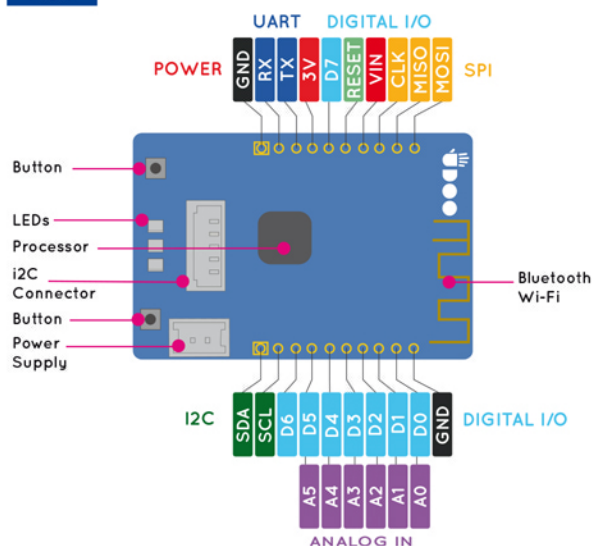
Extremely Small Size

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

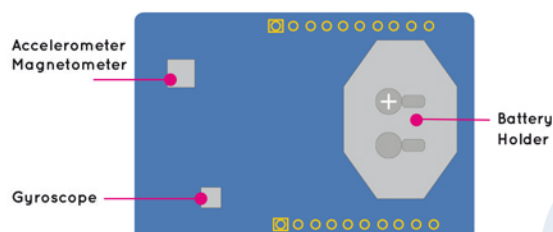
FEATURES

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

TOP



BOTTOM



18.10.2016

Information subject to change. Please visit www.udoo.org to find the latest version of the datasheet.



www.udoo.org

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