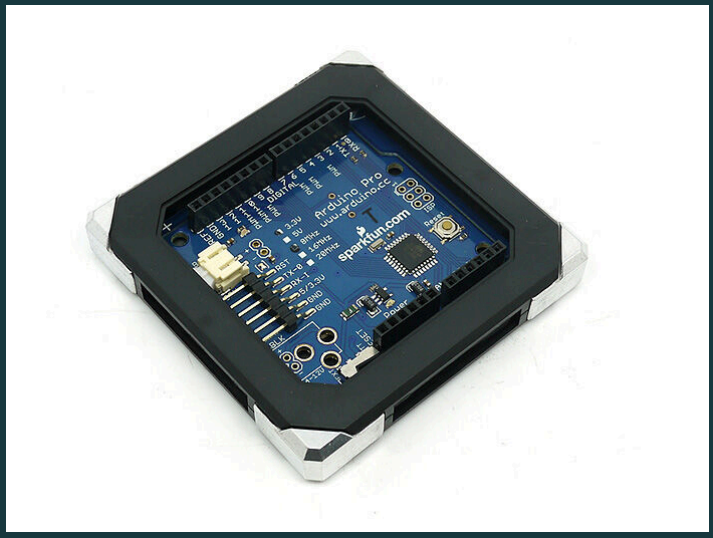
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INDUSTRIAL PRODUCT DATASHEET

B-Squares (Arduino compatible-SQUARE)

The B-Squares Arduino-Square is a modular, snap-together electronics module featuring a 3.3V Arduino Pro compatible microcomputer for rapid prototyping of clean-tech and Arduino inventions.

SKU	UPDATED	PRICE
110990024	2024-08-09 02:15:16	$45.00(Excl. VAT)



Overview



B-Squares is a 3D modular electronics system with magnetic contacts that enable snap-together assembly and signal transmission without wiring. The Arduino-Square includes a 3.3V Arduino Pro compatible microcomputer with 14 digital I/O, 6 analog inputs, and Arduino Shield compatible connectors.

Key Features

B-Squares is a 3D modular electronics system with an emphasis on solar power and expandable energy storage, enabling the hobbyist to prototype clean-tech and Arduino inventions faster than ever before.

The Squares have magnetic contacts on each corner which allow them to easily snap together without wires. These magnetic contacts are also used to transmit electric signals between the Squares. This design allows users to quickly assemble Squares into arrays, with power flowing through the array, without wiring or soldering. The Arduino-Square includes a 3.3V Arduino Pro compatible microcomputer with easy access to the shield ports.

- The Software necessary to program the Arduino-Square can be found here **http://arduino.cc/en/Main/Software**
- You will also need a serial-to-USB connector to connect the Arduino-Square to a PC.

Features

- High strength magnetic contacts.
- Arduino Pro 328 - 3.3V / 16Mhz.
- 14 Digital I/O pins.
- 6 analog input pins.
- Arduino Shield compatible connectors.
- Reverse polarity protection.
- Resettable fuse short protection.

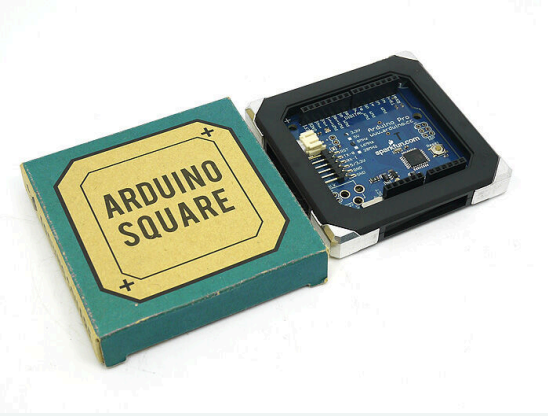
Absolute Maximum Ratings

Contact Voltage..... 3.35V to 12V
Temperature..... -20°C to 45°C

Resource

- **Project page from KickStarter**
- **B-Squares Homepage**
- **B-Squares Datasheet**

Product Gallery





Compliance & Logistics

HSCODE

Resource Links

- https://www.seeedstudio.com/B-Squares-Arduino-compatible-SQUAR-p-1014.html

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