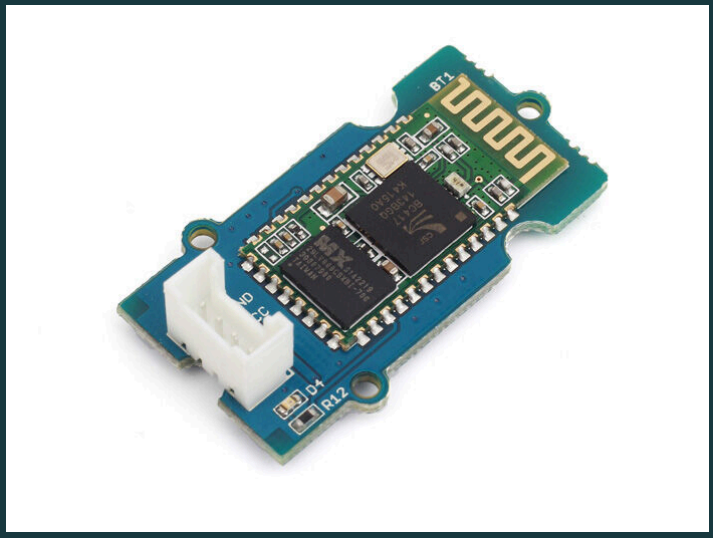
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INDUSTRIAL PRODUCT DATASHEET

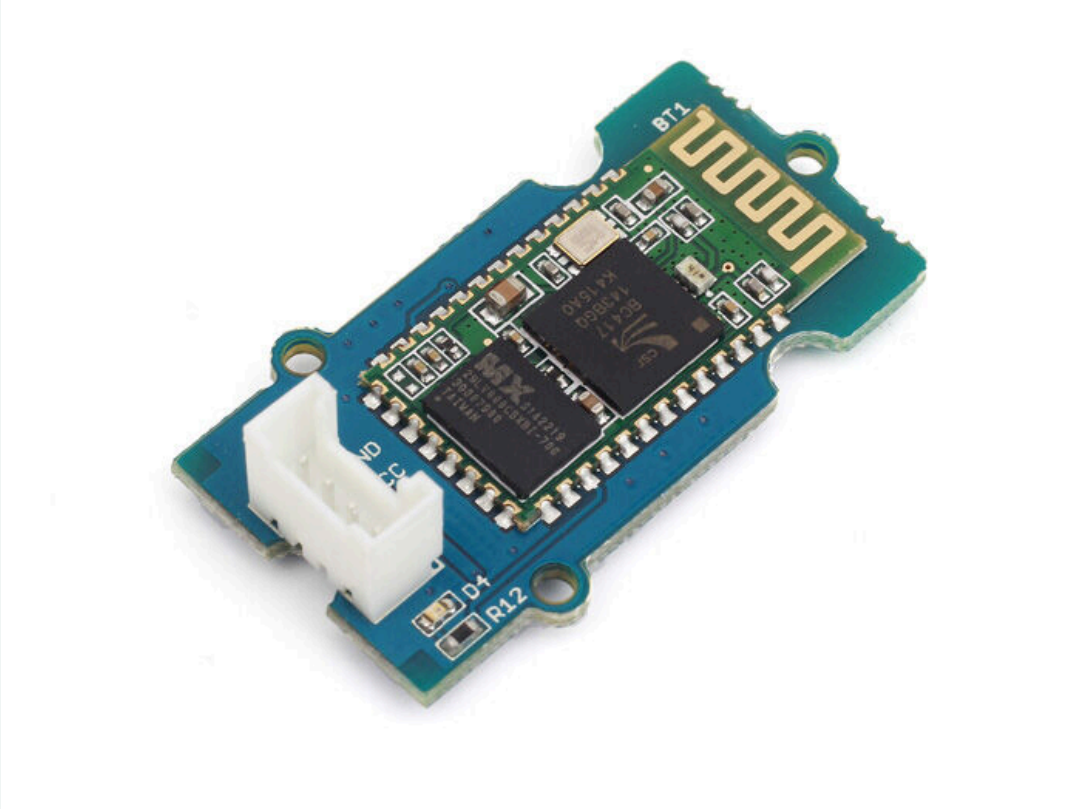
Grove - Serial Blueseeed(CSR BC417)

Grove - Serial Blueseeed(CSR BC417) is a complete Bluetooth solution with low power consumption, high performance radio transceiver, and Grove unified socket for applications including PCs, PDAs, computer accessories, access point...

SKU	UPDATED	PRICE
113020008	2026-11-03 03:45:56	$20.40(Excl. VAT)



Overview



The Grove - Serial Blueseeed(CSR BC417) provides a complete Bluetooth solution with a 2.4GHz radio transceiver, baseband, and CSR Bluecore 04-Audio ROM in a single chip CMOS system. It features excellent power consumption with low power standby modes, up to +4dBm RF transmit power with power level control, and a Grove unified socket for plug and play versatility.

Key Features

01 **Complete Bluetooth Solution**

Complete 2.4GHz radio transceiver and baseband with CSR Bluecore 04-Audio ROM, single chip bluetooth system with CMOS.

02 **Excellent power consumption**

Low power standby modes to enable high efficient power management.

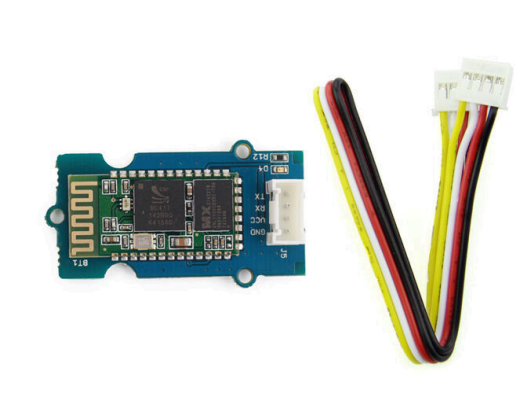
03 **High performance radio transceiver**

Up to +4dBm RF transmit power with power level control.

04 **Grove unified socket**

The sensor ensures "Plug and Play" and could be versatile for various applications.

Product Gallery



Applications

- PCs
- Personal Digital Assistants (PDAs)
- Computer Accessories (compact Flash Cards, PCMCIA Cards, SD Cards and USB Dongles)
- Access Points
- Digital Cameras

Resource Links

- https://www.seeedstudio.com/Grove-Serial-Blueseeed-CSR-BC417.html
- Serial Bluetooth Eagle File
- Bluetooth Software Instruction
- Bluetooth - Module Datasheet

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