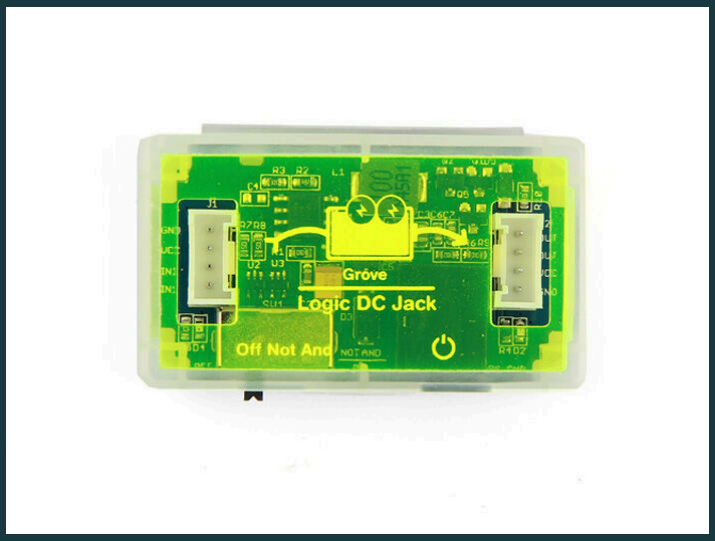
seeed studio

INDUSTRIAL PRODUCT DATASHEET

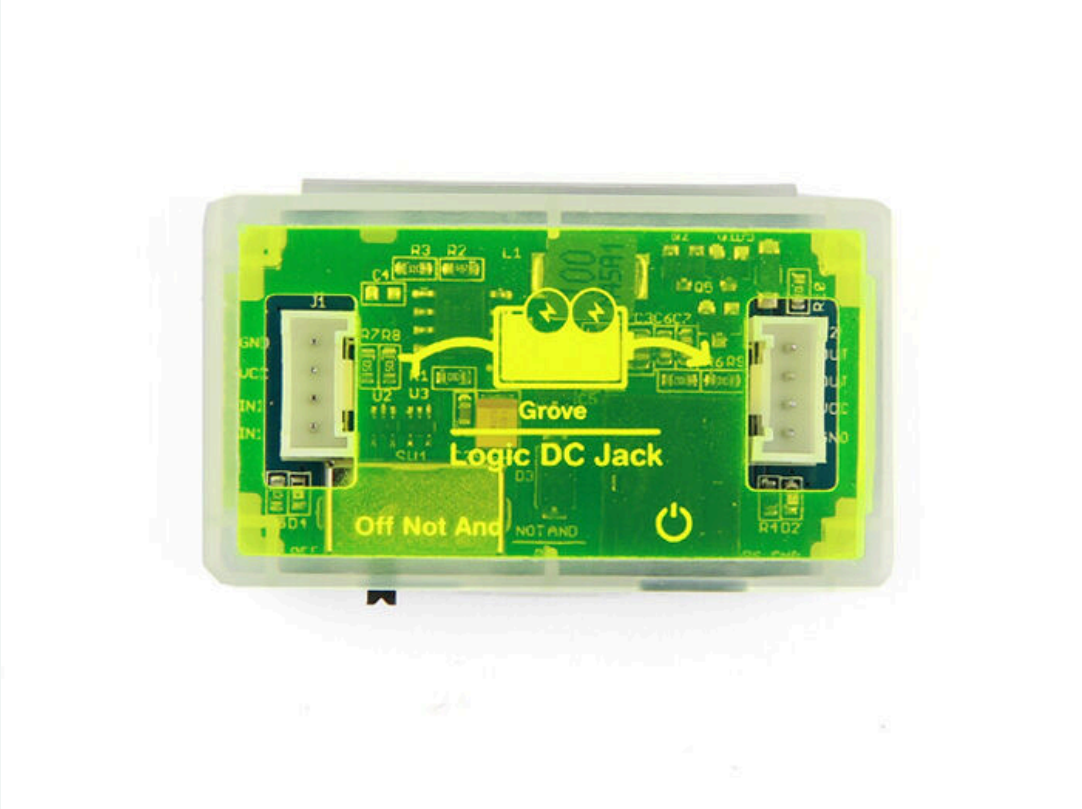
Logic DC Jack v1.0

Logic DC Jack is a logic module build with AND and NOT functions, which you can change the level of output via logic principles

SKU	UPDATED	PRICE
106020001	2024-08-09 01:56:40	$5.90(Excl. VAT)



Overview



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Key Features

Logic DC Jack is a logic module build with AND and NOT functions, which you can change the level of output via logic principles. Also with a switch for changing logic between AND and NOT, you can use one of functions easily.

It can provide two logic inputs at most and let you to accomplish some simple even complicated logic applications. What’s more, this package of Logic DC Jack includes a 9v battery holder which can be plugged into the external power jack of Logic DC Jack, you can use this logic module with some Grove products easily in a tiny shape without huge mainboard.

Features:

- Dual input and single output
- Logic selection switch
- Half bridge output, can drive motor directly
- No-load current: 10±1mA;
- Supply power: 6~9V；
- Operation voltage: 5V；
- Power conversion efficiency 82±5%

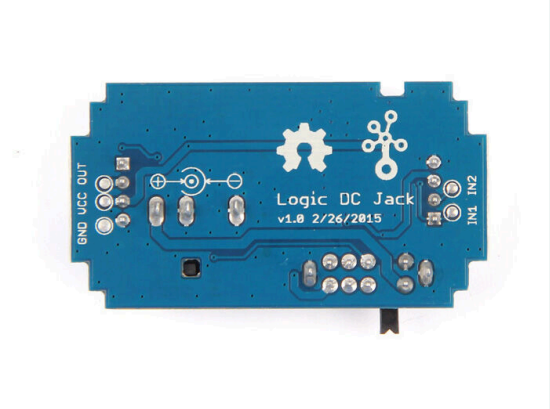
Documents:

Please visit our **wiki** page for more info about this product. You can share your awesome projects to **recipe**, where you can find what the other makers will make with this shield as well. For technical support, please post your questions to our **forum**.

Product Gallery







Compliance & Logistics

HSCODE	8503001000
ROHS	1

Resource Links

- https://www.seeedstudio.com/Logic-DC-Jack-v1-0-p-2522.html
- Schematic in PDF
- Schematic in Eagle
- Logic DC Jack v1.0 pdf
- Logic DC Jack v1.0 sch
- Wiki page of NOT Gate
- Wiki page of AND Gate

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