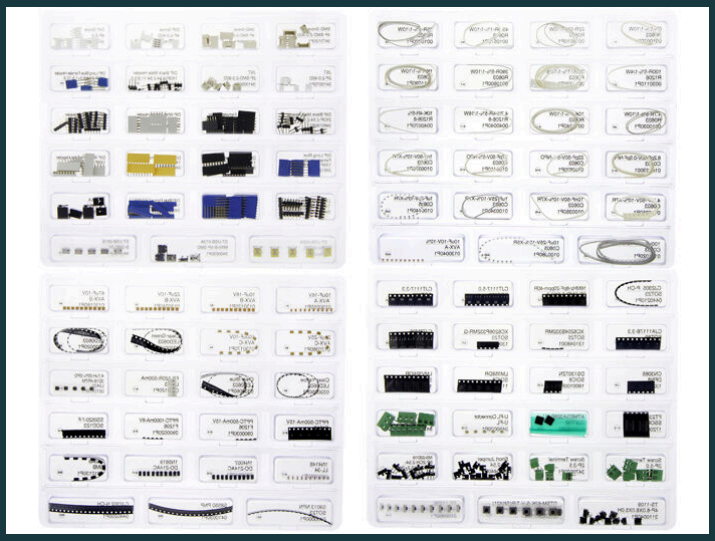
seeed studio

INDUSTRIAL PRODUCT DATASHEET

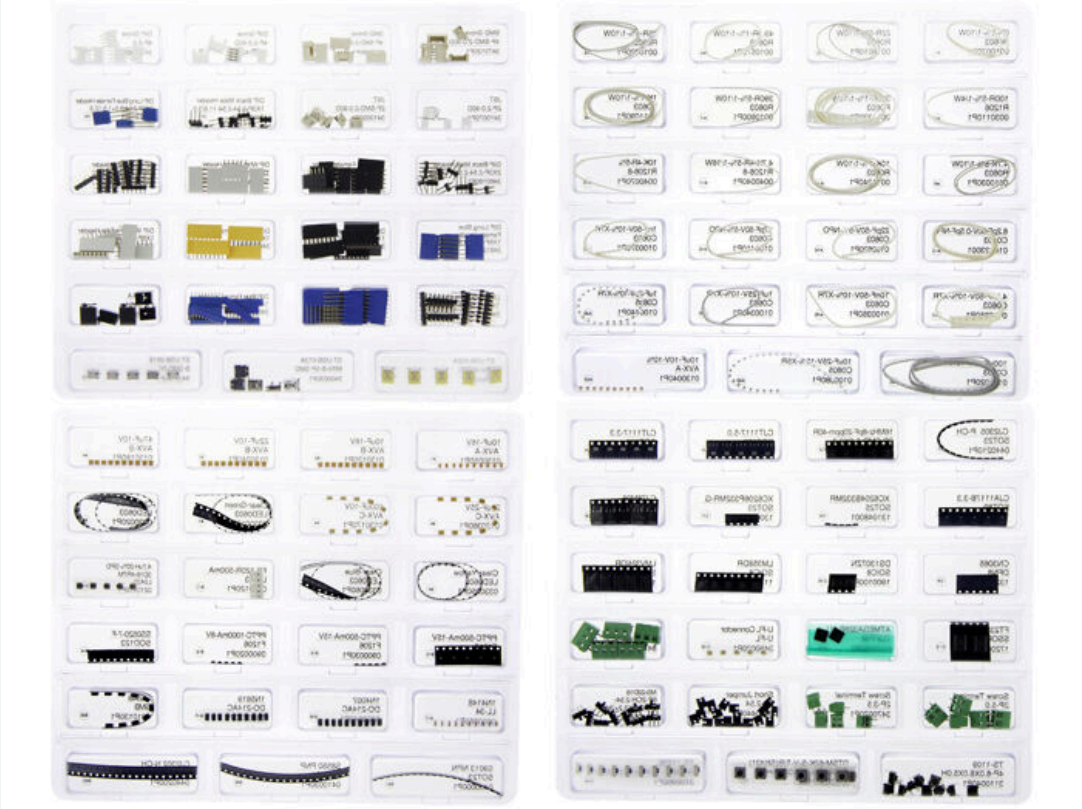
Open Parts Library-Basic V2

A lighter, more economical component kit with 90+ commonly used parts, open-source EAGLE library, and reliable stock for efficient prototyping and design reference.

SKU	UPDATED	PRICE
110990202	2026-08-06 06:38:39	$45.00(Excl. VAT)



Overview



The Open Parts Library-Basic V2 is a discontinued component kit containing 90+ commonly used electronic parts (ICs, resistors, capacitors, etc.) selected for quality, reliability, and DFM friendliness. It features an open-source EAGLE library with 3D models and was designed to be 40% lighter, 10% cheaper, and more reliable than its predecessor, with sufficient stock for efficient prototyping and supply chain optimization.

Key Features

This product was discontinued. You can try similar products below:

Hardware Development Kit (HDK) for Arduino Uno.

Hardware Development Kit (HDK) for Arduino Leonardo

Compares to OPL v 1.0, OPL-Basic v2.0 makes its mark on

1)Lighter weight (40% lighter)

2)More economical (10% cheaper)

3)More reliable with belt package

OPL-Basic v2.0 is a package of 90+ kinds of components. Such components are commonly-used, quality reliable, DFM friendly and have sufficient stock. Also, their **eagle library** is free to download. This little package can greatly increase the efficiency for design reference and supply chain optimization.

Here is the Parts List of OPL-Basic v2.0

Here are the features.

Commonly-used

Including IC, resistor, capacitor, inductor, diode, transistor, crystal oscillator, connector and fuse, etc., components in **OPL (Open Parts Library)** are selected according to their popularity, practicality and compatibility in open source community. For example, Atmega 328p, 16M Crystal Oscillator and mini USB are all collected to provide more convenience in product design and save you some time in component sourcing.

We also collect wishes from you and then update the components in OPL every 6 months.

Quality reliable

In Seeed, OPL-Basic v2.0 components have been bought, sold, produced, inspected, for thousand times, it also tested and verified on many products. It is proved that their supply channels are stable and reliable. The quality of the OPL components is expectable.

DFM friendly

All the components in the OPL are moderately large and with normal package, which are available for hand-placing and hand-soldering, bringing you convenience in making a prototype. When in the stage of bulk production, such components are easy to be manufactured. No need for particular device or high-accuracy equipment, their manufacturability is friendly.

Sufficient stock

Our goal is to keep all the OPL components always ready. Since the quantity of the OPL components is monitored by safety stock and our long-term cooperative suppliers assist with continuous supply, you can always find the OPL components here in Seeed.

Beside components package, OPL also provides services to support your design on prototyping stage. We accept small orders from 2 pieces to 10 pieces and promise to ship them within 3 days. For more details, please click **here** (quickly making prototypes).

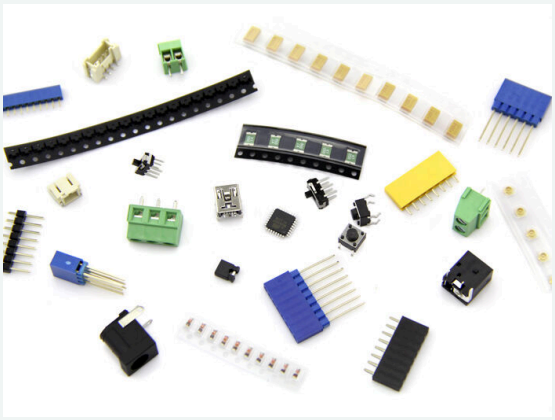
Features:

- With Open source eagle library and 3D-Module (**download**)
- Commonly used components
- Reliable quality and sufficient stock
- Easy for hand-soldering & production effectively

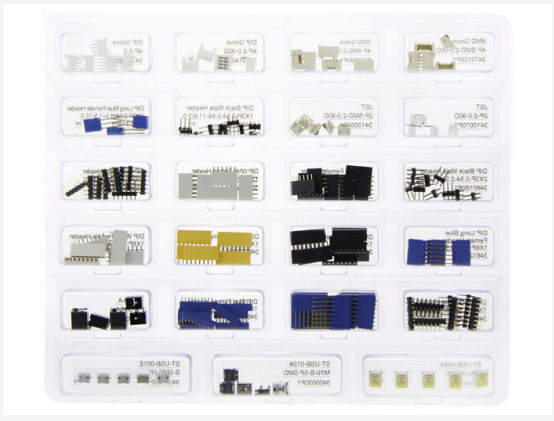
Documents

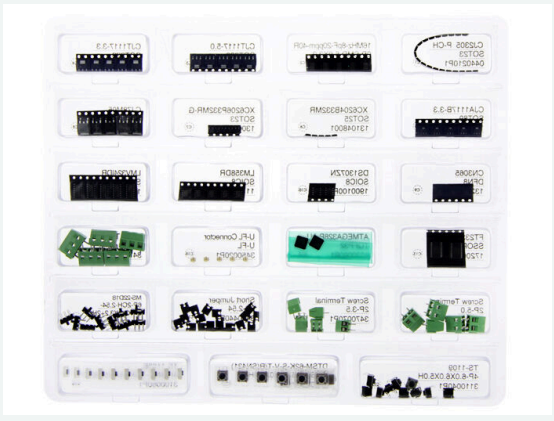
Please visit our **wiki** page for more info about this product. For technical support, welcome to post your questions on our **forum**.

Product Gallery



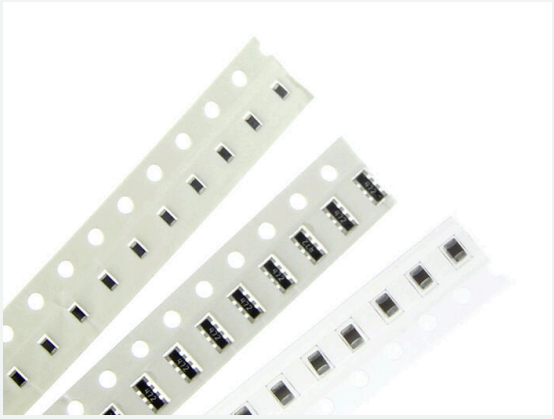














Compliance & Logistics

HSCODE	9023009000
USHSCODE	9023000000
UPC	841454105275
EUHSCODE	9023001000
COO	CHINA

Resource Links

- https://www.seeedstudio.com/Open-Parts-Library-Basic-V2-p-1560.html

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