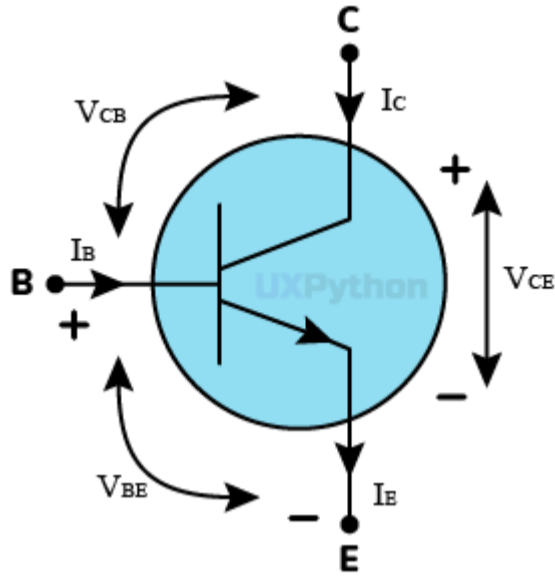


# 2N4127 NPN Transistor

The 2N4127 is a bipolar junction transistor (BJT) with an NPN-type configuration. That means the 2N4127 transistor has a positively charged layer between two negatively charged layers. This transistor has three terminals Base, Collector, and Emitter.

The 2N4127 transistor symbol shows an arrow from the base into the emitter. This means that the current flows from collector terminal to emitter terminal.

Circuit diagram symbol of the 2N4127 transistor as follows.



## 2N4127 Transistor Specification

Transistor Code		<b>2N4127</b>
Transistor Type		<b>BJT</b>
Transistor Polarity		<b>NPN</b>
Transistor Material		<b>Silicon(SI)</b>
Package		<b>T0128</b>
Collector Power Dissipation (Maximum)	<b>P<sub>C</sub></b>	<b>25W</b>
Collector-Base Voltage (Maximum)	<b>V<sub>CB</sub></b>	<b>60V</b>
Collector-Emitter Voltage (Maximum)	<b>V<sub>CE</sub></b>	<b>40V</b>
Collector Current (Maximum)	<b>I<sub>C</sub></b>	<b>2A</b>
Operating Junction Temperature (Maximum)	<b>T<sub>J</sub></b>	<b>175°C</b>
Emitter-Base Voltage (Maximum)	<b>V<sub>EB</sub></b>	<b>4V</b>
Forward Current Transfer Ratio (hFE Value)		<b>10</b>
Transition Frequency	<b>F<sub>T</sub></b>	<b>300MHz</b>
Collector Capacitance	<b>C<sub>C</sub></b>	<b>25pF</b>

UXPython is not the creator or an official representative of the 2N4127 NPN transistor. You can download the official 2N4127 NPN transistor datasheet to get more information about this transistor.

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## More Transistors Datasheets in T0128 Package

 [BLV90 NPN Transistor](#)

 [2SC1337 NPN Transistor](#)

 [2SC2628 NPN Transistor](#)



2SC1668 NPN Transistor



2N5847 NPN Transistor



2SC1482A NPN Transistor



ECG391 PNP Transistor



2SC2368 NPN Transistor



2SC2892 NPN Transistor



MRA1000-14L NPN Transistor



2SC2956 NPN Transistor



BFW98 NPN Transistor



2SD1840 NPN Transistor



2SC1355F NPN Transistor



2N5483 NPN Transistor



2N4431 NPN Transistor



2SC1535 NPN Transistor



2N5862 NPN Transistor



2SC1709 NPN Transistor



2SC1598 NPN Transistor