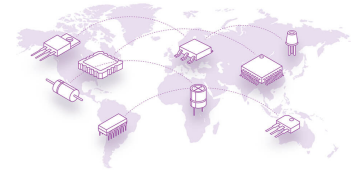


IGBT Module 20-Pin



Manufacturer: [Power Integrations, Inc](#)

Package/Case: IGBT

Product Type: Power Management ICs

Images are for reference only

[Inquiry](#)

General Description

2SP0115T2B0-12 is a power transistor, specifically a Silicon NPN epitaxial planar type designed for use in high power amplifiers, switching and linear applications. Here are some of its features:

Key Features

High power capability: The transistor is capable of handling high power levels, with a maximum collector current rating of 15A and a maximum power dissipation of 150W.

Low collector-emitter saturation voltage: This means that the transistor can operate with a low voltage drop across the collector-emitter junction, which can improve efficiency in power amplifier and switching applications.

Low thermal resistance: The transistor has a low thermal resistance, which helps to dissipate heat and keep the device cool during operation.

Application

Power amplifiers: The high power handling capability and low saturation voltage of the transistor make it suitable for use in high power audio amplifiers and RF amplifiers.

Switching applications: The fast switching speed and low saturation voltage of the transistor make it suitable for use in switching power supplies and motor control circuits.

Linear applications: The high current and power handling capability of the transistor make it suitable for use in linear power amplifiers and voltage regulator circuits.

Recommended For You

2SC0106T2A1-12

Power Integrations, Inc

IGBT

2SC0115T2A0-12

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2SC0108T2H0-17

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Driver

2SP0115T2A0-17

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2SD300C17A3

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2SP0320V2A0-12

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MODULE

2SP0115T2B0-17

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MODULE

2SD300C17A1

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MODULE

2SP0320T2A0-12

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2SC0650P2A0-17

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2SP0320V2A0-17

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1SP0635D2S1-33

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MODULE

TOP242YN

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TO-220

TOP245YN

Power Integrations, Inc
TO-220

TOP222PN

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DIP-8