

Configuration SRAM for FBGA

Manufacturer: [Intel Corp](#)

Package/Case: PLCC20

Product Type: Programmable Logic ICs

Lifecycle: Obsolete



Images are for reference only

[Inquiry](#)

General Description

EPC1213LC20 is a specific model number of a power transistor manufactured by Efficient Power Conversion (EPC). It is a gallium nitride (GaN) power transistor with a 12A maximum current rating and a 200V maximum voltage rating.

Key Features

High efficiency: GaN transistors are known for their high efficiency, and the EPC1213LC20 is no exception. It has a low on-resistance and low switching losses, which can help to reduce power consumption and increase efficiency in a variety of applications.

High speed: The EPC1213LC20 is capable of switching at very high speeds, which can be useful in applications that require fast switching times.

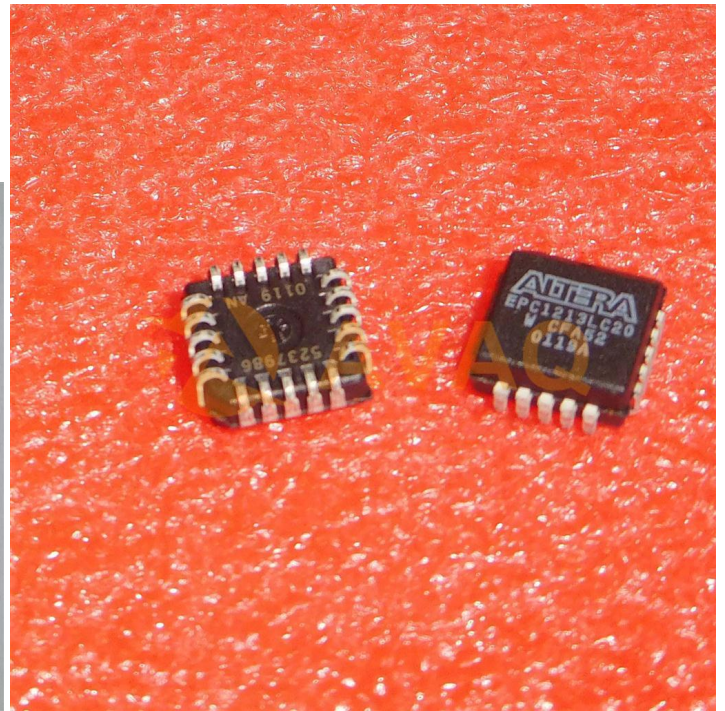
Small size: GaN transistors are typically smaller than their silicon counterparts, and the EPC1213LC20 is no exception. This can be advantageous in applications where space is limited.

Application

DC-DC converters: GaN transistors are well-suited for use in DC-DC converters, where their high efficiency and fast switching times can help to improve overall system performance.

Motor control: The EPC1213LC20 can be used in motor control applications, where its high speed and low on-resistance can help to improve efficiency and reduce heat dissipation.

Lighting: GaN transistors are increasingly being used in lighting applications, where their high efficiency can help to reduce power consumption and extend the life of the lighting system.



Recommended For You

EPMB256AQC208-10N

Intel Corp

QFP208

EPCQ32ASI8N

Intel Corp

SOP8

EPCQ32SI8N

Intel Corp

SOP8

EPCQ64ASI16N

Intel Corp

SOP16

EPCQ16SI8N

Intel Corp

SOP8

EPC2II32

Intel Corp

QFP

EPM7128STC100-15N

Intel Corp

QFP100

EP1C6Q240I7N

Intel Corp

QFP240

EPCQ128SI16N

Intel Corp

SOP16

EPM7128SLC84-15N

Intel Corp

PLCC

EPC1213PC8

Intel Corp

DIP8

EP1K30TC144-3N

Intel Corp

QFP

EPCS1SI8

Intel Corp

SOP-8

EPC1PI8N

Intel Corp

DIP8

EPC2LI20N

Intel Corp

PLCC