

Enhanced Configuration Flash

Manufacturer:	Intel Corp	<input type="text" value="EPC16UC88 Image"/>
Package/Case:	BGA	Images are for reference only
Product Type:	Programmable Logic ICs	<input type="button" value="Inquiry"/>
Lifecycle:	Obsolete	

General Description

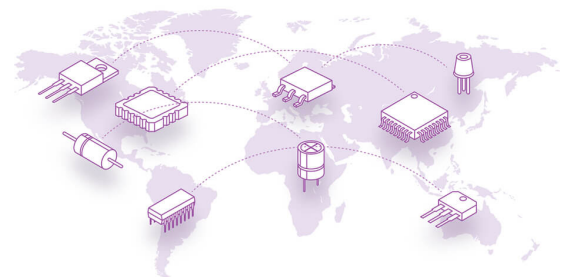
EPC16UC88 refers to a specific model of power management integrated circuit (IC) manufactured by Efficient Power Conversion Corporation (EPC). This IC is designed for use in high-power applications such as motor control, robotics, and renewable energy systems.

Key Features

- High-frequency operation up to 3 MHz
- High efficiency (>97% at 48 V input)
- Low on-resistance (5.2 mOhm)
- Fast switching speed (less than 15 ns)
- Over-temperature protection and over-current protection
- Small form factor (3.9 mm x 3.9 mm x 0.8 mm)

Application

- Motor control for electric vehicles and drones
- Power conversion for renewable energy systems (e.g. solar and wind power)
- High-power DC-DC converters for data centers and telecommunications equipment
- Robotics and industrial automation systems



Recommended For You

EPMB256AQC208-10N

Intel Corp

QFP208

EPCQ32ASI8N

Intel Corp

SOP8

EPCQ32SI8N

Intel Corp

SOP8

EPCQ64ASI16N

Intel Corp

SOP16

EPCQ16SI8N

Intel Corp

SOP8

EPC21I32

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