
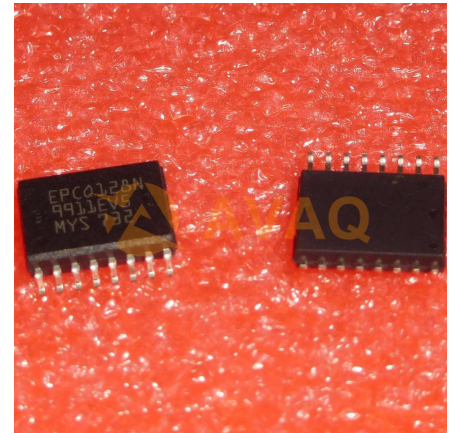


FPGA Configuration Flash Memory

Manufacturer:	Intel Corp
Package/Case:	SOP16
Product Type:	Programmable Logic ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Obsolete



Images are for reference only

[Inquiry](#)

General Description

EPCQ128SI16N is a type of serial configuration device manufactured by Intel/Altera. It is a non-volatile memory device that can store configuration data for programmable logic devices (PLDs) such as field-programmable gate arrays (FPGAs) and complex programmable logic devices (CPLDs).

Key Features

It has a storage capacity of 128 megabits (16 megabytes).

It uses a serial interface for communication, specifically a quad serial peripheral interface (SPI) with a clock frequency of up to 80 MHz.

It operates at a voltage range of 1.8V to 3.3V.

It has a maximum erase time of 60 seconds and a maximum program time of 15 milliseconds.

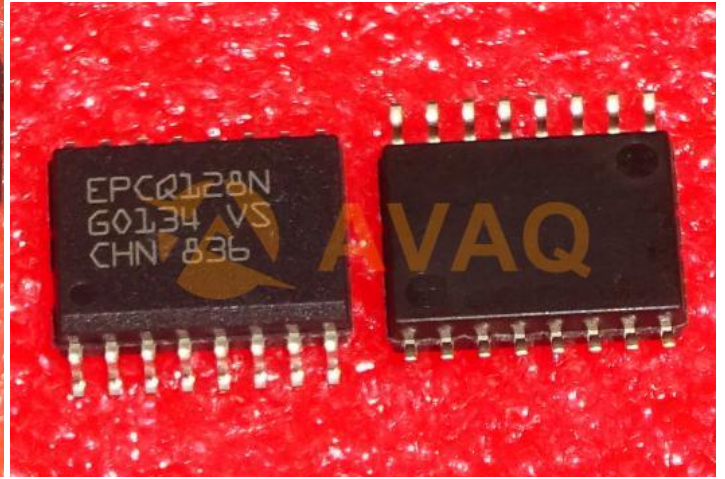
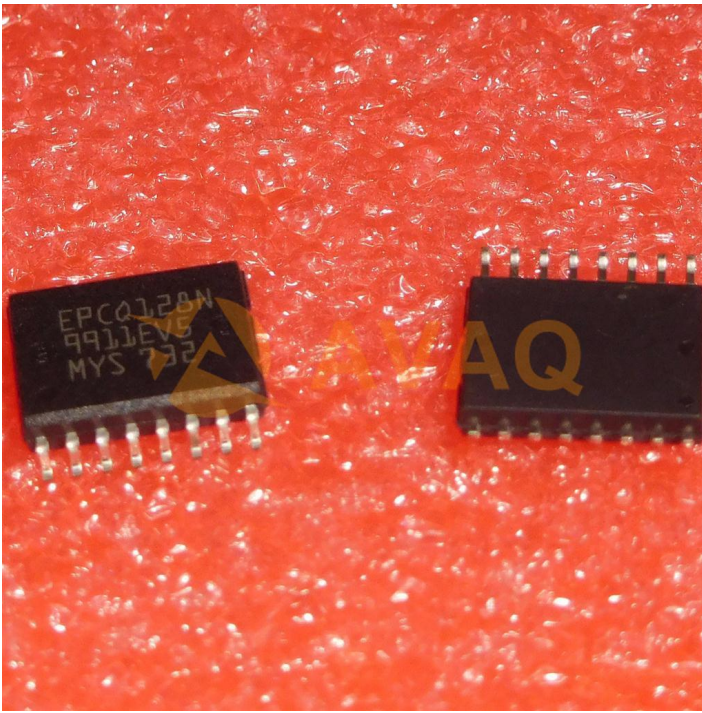
It is designed to withstand a temperature range of -40°C to +85°C.

Application

Storing configuration data for FPGAs and CPLDs in a variety of applications such as telecommunications, industrial control, and consumer electronics.

Supporting remote firmware updates for devices in the field.

Providing secure boot functionality for embedded 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

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

EPF10K50EFC484-2

Intel Corp

BGA