EPCS4SI8

Serial Flash Configuration Device

Manufacturer:	Intel Corp
Package/Case:	SOP-8
Product Type:	Programmable Logic ICs
RoHS:	RoHS Compliant/Lead free
Lifecycle:	Obsolete

Images are for reference only

Inquiry

General Description

To configure a system using an SRAM-based device, each time you power on the device, you must load the configuration data. The EPCS device is a flash memory device that can store configuration data that you use for FPGA configuration purpose after power on. You can use the EPCS device on all FPGA that support AS x1 configuration scheme. For an 8-pin SOIC package, you can migrate vertically from the EPCS1 device to the EPCS4 or EPCS16 device. For a 16-pin SOIC package, you can migrate vertically from the EPCS64 device to the EPCS128 device. With the new data decompression feature supported, you can determine using which EPCS device to store the configuration data for configuring your FPGA. Example 1 shows how you can calculate the compression ratio to determine which EPCS device is suitable for the FPGA.

Recommended For You

EPM3256AQC208-10N
Intel Corp
QFP208

EPCQ32ASI8N
Intel Corp
SOP8

EPCQ32SI8N
Intel Corp
SOP8

EPCQ64ASI16N
Intel Corp
SOP16

EPCQ16SI8N
Intel Corp
SOP8

EPC2TI32
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