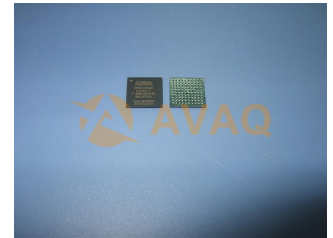


CPLD MAX® 7000A Family 5K Gates 256 Macro Cells 126.6MHz
3.3V 100-Pin FBGA Tray



Images are for reference only

Manufacturer:	Intel Corp
Package/Case:	BGA
Product Type:	Programmable Logic ICs
Lifecycle:	Obsolete

[Inquiry](#)

General Description

EPM7256AEFC100-7 is a specific model of field-programmable gate array (FPGA) produced by Intel Corporation (formerly Altera Corporation), a leading semiconductor manufacturer.

Key Features

Package: 100-pin TQFP (Thin Quad Flat Pack)

Speed grade: 7 (indicating maximum operating frequency)

Configuration: EEPROM (Electrically Erasable Programmable Read-Only Memory)

Number of Logic Elements: 2560

Number of Input/Output (I/O) pins: 95

Voltage: 3.3V

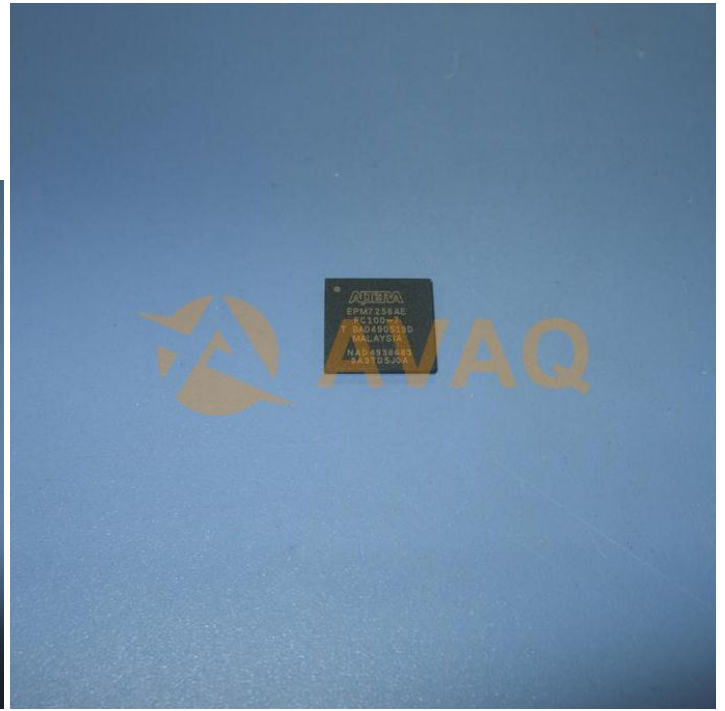
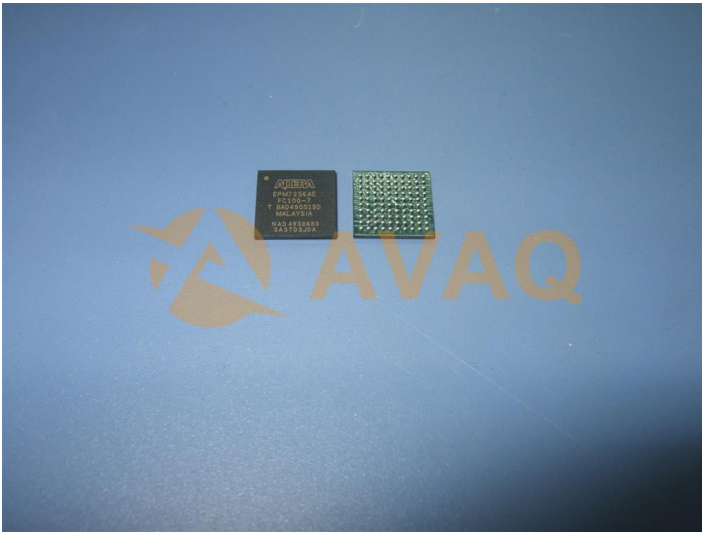
Application

Embedded systems: EPM7256AEFC100-7 can be used for implementing custom logic functions in embedded systems, such as digital signal processing (DSP), motor control, robotics, and communication systems.

Industrial control: EPM7256AEFC100-7 can be used in industrial automation and control systems, including programmable logic controllers (PLCs), human-machine interfaces (HMIs), and monitoring systems.

Communications: EPM7256AEFC100-7 can be used in communication systems, including network switches, routers, and wireless base stations.

Test and measurement: EPM7256AEFC100-7 can be used in test and measurement equipment, such as oscilloscopes, logic analyzers, and protocol analyzers.



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