

Field Programmable Gate Array, 4000-Cell, CMOS, PQFP144, 22 X 22MM, 0.5MM PITCH, ROHS COMPLIANT, PLASTIC, EQFP-144

Manufacturers	Altera Corporation (Intel)
Package/Case	144-LQFP
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for 10M04SCE144I7G or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

10M04SCE144I7G is a field-programmable gate array (FPGA) device manufactured by Intel Corporation (formerly Altera Corporation).

Features

It belongs to the MAX 10 series of FPGAs and has 10,570 logic elements, 414 kilobits of embedded memory, and 96 DSP blocks.

It operates with a 1.2V core voltage and has a maximum operating frequency of 312.5 MHz.

It has various I/O interfaces, including LVDS, single-ended, and high-speed transceivers, and supports protocols such as PCIe, Gigabit Ethernet, and DDR3 memory.

Application

Industrial control systems

Audio and video processing

Motor control and power management

Embedded processing and control

Sensor interfaces

Automotive infotainment systems

Medical equipment



Related Products



[EPM240M100C5N](#)

Altera Corporation (Intel)
BGA-100



[EPM7128AETC100-10](#)

Altera Corporation (Intel)
TQFP-100



[EPM2210F256C4](#)

Altera Corporation (Intel)
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TQFP-100



[5M160ZM100C5N](#)

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TQFP-100



[10M50DAF256I6G](#)

Altera Corporation (Intel)
256-LBGA



[EPM2210F256I5](#)

Altera Corporation (Intel)
FBGA-256