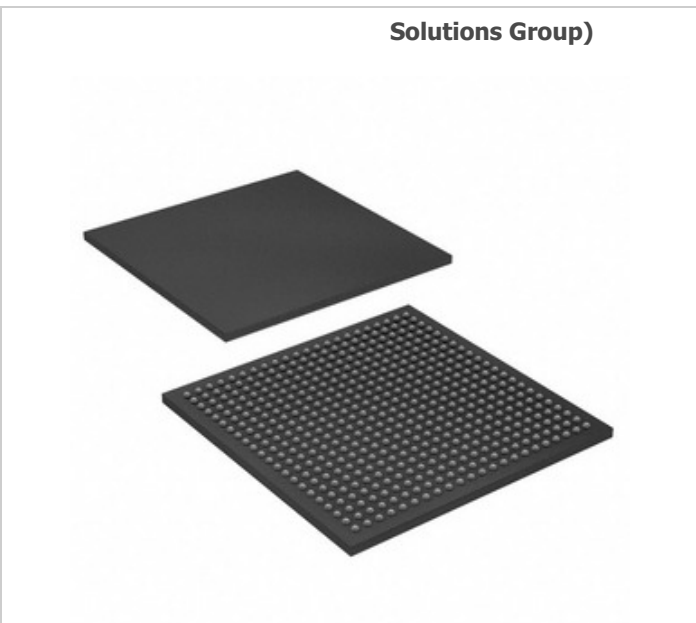


**Altera (Intel® Programmable Solutions Group)**

### 5CSEBA4U19I7N

Part Number: 5CSEBA4U19I7N  
 Manufacturer/Brand: Altera (Intel® Programmable Solutions Group)  
 Product description: IC FPGA 240 I/O 484UBGA  
[PDF](#) 1.5CSEBA4U19I7N.pdf  
[PDF](#) 2.5CSEBA4U19I7N.pdf  
[PDF](#) 3.5CSEBA4U19I7N.pdf  
[PDF](#) 4.5CSEBA4U19I7N.pdf  
 Datasheets:  
 RoHS Status: Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS



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Image may be representation. See specifications for product details.

#### Specifications of 5CSEBA4U19I7N

PART NUMBER	5CSEBA4U19I7N
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 240 I/O 484UBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF</a> 1.5CSEBA4U19I7N.pdf <a href="#">PDF</a> 2.5CSEBA4U19I7N.pdf <a href="#">PDF</a> 3.5CSEBA4U19I7N.pdf <a href="#">PDF</a> 4.5CSEBA4U19I7N.pdf
SUPPLIER DEVICE PACKAGE	484-UBGA (19x19)
SPEED	800MHz
SERIES	Cyclone® V SE
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 40K Logic Elements
PERIPHERALS	DMA, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	484-FBGA
OTHER NAMES	544-3010
OPERATING TEMPERATURE	-40°C ~ 100°C (TJ)
NUMBER OF I/O	MCU - 151, FPGA - 66
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	8 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FLASH SIZE	-
DETAILED DESCRIPTION	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™ System On Chip (SOC) IC Cyclone® V SE FPGA - 40K Logic Elements 64KB 800MHz 484-UBGA (19x19)
CORE PROCESSOR	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG
BASE PART NUMBER	5CSEBA4
ARCHITECTURE	MCU, FPGA

#### Related Tags

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<p><b>5CSEBA4U19C8N</b>                  Manufacturers: Intel® FPGAs                  Description: IC FPGA 161 I/O 484FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>5CSEBA4U19C7N</b>                  Manufacturers: Intel® FPGAs                  Description: IC FPGA 161 I/O 484FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>
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<p><b>5CSEBA4U19I7SN</b>                  Manufacturers: Intel® FPGAs                  Description: IC FPGA 161 I/O 484FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>5CSEBA4U23C7SN</b>                  Manufacturers: Intel® FPGAs                  Description: IC FPGA 188 I/O 672UBGA                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>5CSEBA4U19I7LN</b>                  Manufacturers: Intel® FPGAs                  Description: 484-PIN UBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>5CSEBA4U23C7N</b>                  Manufacturers: Intel® FPGAs                  Description: IC FPGA 188 I/O 672UBGA                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>5CSEBA4U19I7</b>                  Manufacturers: Intel® FPGAs                  Description: IC FPGA 161 I/O 484FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>5CSEBA4U23A7N</b>                  Manufacturers: Intel® FPGAs                  Description: IC FPGA 188 I/O 672UBGA                  In stock: Out stock  <a href="#">RFQ</a></p>