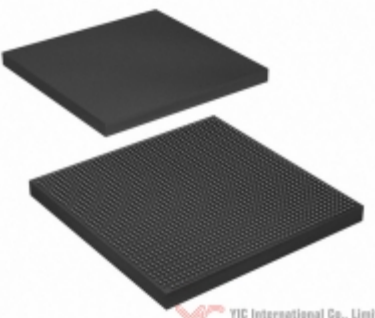





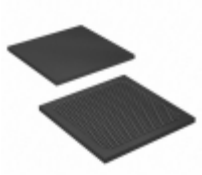
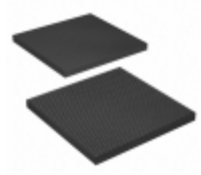
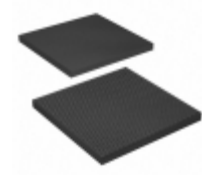
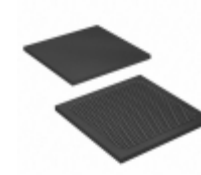
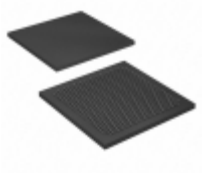
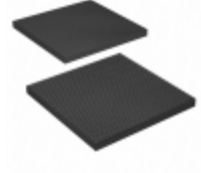
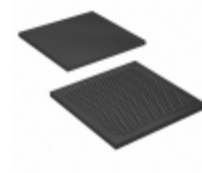
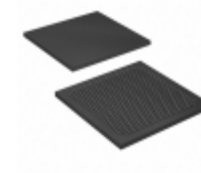
	<p><b>5SGSED8N3F45I4N</b></p>
	<p><b>Manufacturer Part Number:</b> 5SGSED8N3F45I4N</p>
	<p><b>Manufacturer/Brand:</b> Altera (Intel® Programmable Solutions Group)</p>
	<p><b>Part of Description:</b> IC FPGA 840 I/O 1932FBGA</p>
<p><b>Datasheets:</b></p>	<p> <a href="#">1.5SGSED8N3F45I4N.pdf</a></p>
	<p> <a href="#">2.5SGSED8N3F45I4N.pdf</a></p>
	<p> <a href="#">3.5SGSED8N3F45I4N.pdf</a></p>
	<p> <a href="#">4.5SGSED8N3F45I4N.pdf</a></p>
<p><b>RoHs Status:</b></p>	<p> Lead free / RoHS</p>
	<p><b>Stock Condition:</b> <sup>Compliant</sup> New original, Stock Available.</p>
<p><b>Ship From:</b> Hong Kong</p>	<p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	

Specifications

Part Number	5SGSED8N3F45I4N
Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 840 I/O 1932FBGA
Category	<a href="#">Integrated Circuits (ICs)</a> > <a href="#">Embedded - FPGAs (Field</a>
Part Status	<a href="#">Require For Quote &amp; Check Stock</a>
Series	Stratix® V GS
Operating Temperature	-40°C ~ 100°C (TJ)
Mounting Type	Surface Mount
Package / Case	1932-BBGA, FCBGA
Supplier Device Package	1932-FBGA (45x45)
Voltage - Supply	0.82 V ~ 0.88 V
Number of I/O	840
Number of LABs/CLBs	262400
Number of Logic Elements/Cells	695000
Total RAM Bits	60968960

































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 <p><b>5SGSMD3E1H29C2N</b> Altera (Intel® Programmable Solutions Group) IC FPGA 360 I/O 780HBGA</p>	 <p><b>5SGSED8N3F45I3N</b> Altera (Intel® Programmable Solutions Group) IC FPGA 840 I/O 1932FBGA</p>	 <p><b>5SGSMD3E1H29I2N</b> Altera (Intel® Programmable Solutions Group) IC FPGA 360 I/O 780HBGA</p>	 <p><b>5SGSMD3E1H29C2LN</b> Altera (Intel® Programmable Solutions Group) IC FPGA 360 I/O 780HBGA</p>

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 CY7C1354A-133AC	 D72HB0.75A-B	 FC101-TL	 FDMS015N04B	 FJC2098RTF
 GMK212BJ105KGHT	 HFBR-EUD100Z	 HGTG20N60B3D	 HVC300B1PRU	 ISL54401IRUZ-T
 L6571BDTR-LF	 LM4548AVHX	 LMT88DCKR	 LT3959FE	 LTC1850IFW
 LTC7003IMSE#PBF	 LTV-817M	 MA4E1337	 MAX1589ETT180+T	 MAX4231AUT+T
 MC14066BCPG	 MM30F120B	 MM60F060B	 NCP1400ASN22T1	 NCP4302ADR2G
 NFM21HC222R1H3D	 NLV25T-015J-PF-15N	 SI4972DY	 SMT15F-12S1V5	 STF19NM50N
 TA8415PG	 TC35662XBG	 TLC7733ID	 TPCP8603	 TPS2043AD
 TPS3895PDRYR	 TPS40222DRPRG4	 TZMB6V8-GS08	 VLF302512MT-220M	 W1185LC360

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