



Altera (Intel® Programmable

5SGXMA9N3F45C2LN

Part Number: 5SGXMA9N3F45C2LN
 Manufacturer/Brand: Altera (Intel® Programmable Solutions Group)
 Product description: IC FPGA 840 I/O 1932FBGA
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 Datasheets:
 RoHS Status: Lead free / RoHS Compliant
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

Solutions Group)

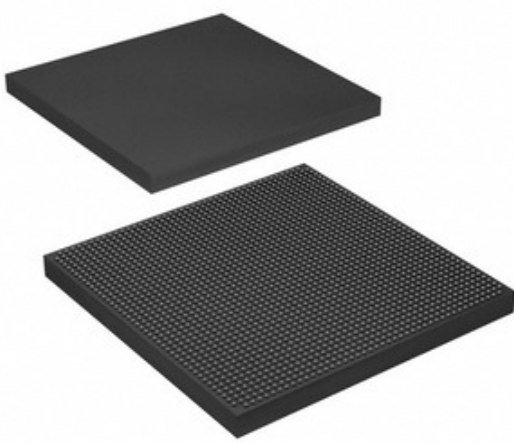


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Specifications of 5SGXMA9N3F45C2LN

PART NUMBER	5SGXMA9N3F45C2LN
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 840 I/O 1932FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.5SGXMA9N3F45C2LN.pdf PDF 2.5SGXMA9N3F45C2LN.pdf PDF 3.5SGXMA9N3F45C2LN.pdf PDF 4.5SGXMA9N3F45C2LN.pdf PDF 5.5SGXMA9N3F45C2LN.pdf
VOLTAGE - SUPPLY	0.82 V ~ 0.88 V
TOTAL RAM BITS	64210944
SUPPLIER DEVICE PACKAGE	1932-FBGA, FC (45x45)
SERIES	Stratix® V GX
PACKAGE / CASE	1932-BBGA, FCBGA
OPERATING TEMPERATURE	0°C ~ 85°C (TJ)
NUMBER OF LOGIC ELEMENTS/CELLS	840000
NUMBER OF LABS/CLBS	317000
NUMBER OF I/O	840
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
BASE PART NUMBER	5SGXMA9

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