



Altera (Intel® Programmable Solutions Group)



HC1S80F1020AY

Part Number:	HC1S80F1020AY
Manufacturer/Brand:	Altera (Intel® Programmable Solutions Group)
Product description	IC FPGA APEX 1020FBGA
Datasheets:	 HC1S80F1020AY.pdf
RoHs Status	 Contains lead / RoHS non-compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of HC1S80F1020AY

PART NUMBER	HC1S80F1020AY
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA APEX 1020FBGA
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DATA SHEET	 HC1S80F1020AY.pdf
VOLTAGE - SUPPLY	1.425 V ~ 1.575 V
TOTAL RAM BITS	5658048
SUPPLIER DEVICE PACKAGE	1020-FBGA (33x33)
SERIES	Stratix® HardCopy®
PACKAGE / CASE	1020-BBGA
NUMBER OF LOGIC ELEMENTS/CELLS	79040
NUMBER OF LABS/CLBS	7904
NUMBER OF I/O	782
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant

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