

AT40K05AL-1BQC



Part Number: [AT40K05AL-1BQC](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC FPGA 5K GATES 144LQFP

Data sheet:  [AT40K05,10,20,40AL Summary](#)
 [AT40K05,10,20,40AL](#)

RoHs Status: Contains lead / RoHS non-compliant

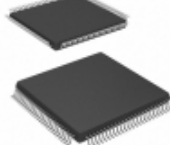
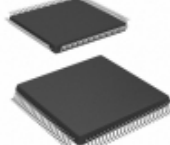
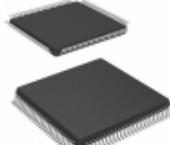
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PRODUCT PARAMETER			
Part Number	AT40K05AL-1BQC	Manufacturer	Micrel / Microchip Technology
Description	IC FPGA 5K GATES 144LQFP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5852 pcs	Data sheet	AT40K05,10,20,40AL Summary AT40K05,10,20,40AL
Category	Integrated Circuits (ICs)	Voltage - Supply	3 V ~ 3.6 V
Total RAM Bits	2048	Supplier Device Package	144-LQFP (20x20)
Series	AT40KAL	Package / Case	144-LQFP
Operating Temperature	0°C ~ 70°C	Number of Logic Elements/Cells	256
Number of I/O	114	Number of Gates	10000
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	Base Part Number	AT40K05
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	Part#: AT40K05AL-1BQU Description: IC FPGA 114 I/O 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT40K05-2BQC Description: IC FPGA 114 I/O 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: AT40K05LV-3BQC Description: IC FPGA 3.3V 256 CELL 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: AT40K05-2DQC Description: IC FPGA 128 I/O 208QFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT40K05LV-3AQI Description: IC FPGA 3.3V 256 CELL 100-TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: AT40K05AL-1DQI Description: IC FPGA 128 I/O 208QFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: AT40K05AL-1AQC Description: IC FPGA 78 I/O 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: AT40K05-2BQI Description: IC FPGA 5K GATES 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT40K05-2RQC Description: IC FPGA 78 I/O 100QFP	Manufacturers: Micrel / Microchip Technology	RFQ

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