




Micrel / Microchip Technology

## AT94S05AL-25BQU

Part Number: AT94S05AL-25BQU  
 Manufacturer/Brand: Micrel / Microchip Technology  
 Product description: IC FPSLIC 5K GATE 25MHZ 144LQFP  
 Datasheets:  
 RoHS Status:  Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

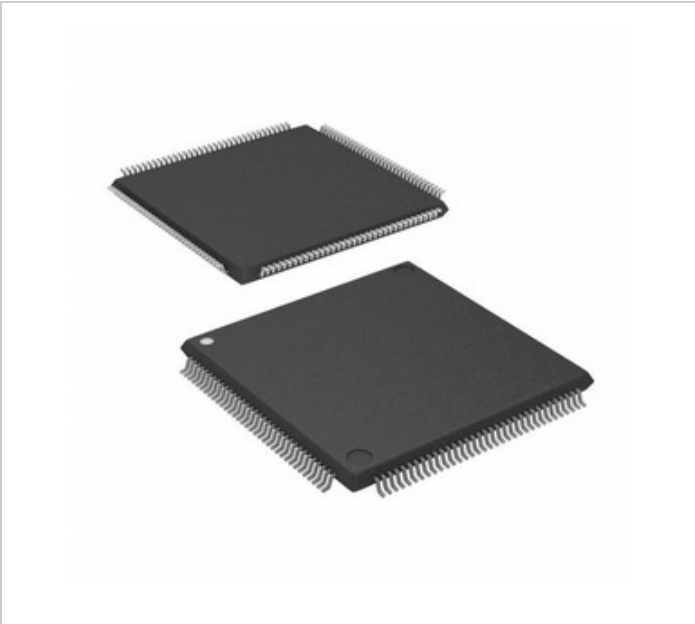


Image may be representation. See specifications for product details.

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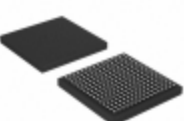



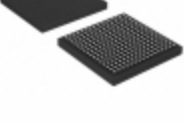


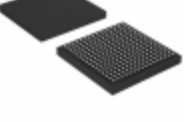




### Specifications of AT94S05AL-25BQU

PART NUMBER	AT94S05AL-25BQU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC FPSLIC 5K GATE 25MHZ 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	
VOLTAGE - SUPPLY	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	25MHz
SERIES	FPSLIC®
PROGRAM SRAM BYTES	4K-16K
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
OTHER NAMES	AT94S05AL25BQU
OPERATING TEMPERATURE	-40°C ~ 85°C
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INTERFACE	I <sup>2</sup> C, UART
FPGA SRAM	2kb
FPGA REGISTERS	436
FPGA GATES	5K
FPGA CORE CELLS	256
EEPROM SIZE	256K x 8
DATA SRAM BYTES	4K ~ 16K
CORE TYPE	8-Bit AVR

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### Related Products

 <p><b>AT94S10AL-25DGC</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC FPSLIC 10K GATE 25MHZ 256BGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>AT94K40AL-25DQI</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC FPSLIC 40K GATE 25MHZ 208QFP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>AT94K40AL-25DQU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC FPSLIC 40K GATE 25MHZ 208QFP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>AT94S10AL-25BQU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC FPSLIC 10K GATE 25MHZ 144LQFP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>AT94S05AL-25DGC</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC FPSLIC 5K GATE 25MHZ 256BGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>AT94KINST</b>                  Manufacturers: Micrel / Microchip Technology                  Description: DESIGN LAB PKG INSTRUCTOR PKG                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>AT94K40AL-25BQI</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC FPSLIC 40K GATE 25MHZ 144LQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>AT94S05AL-25DGI</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC FPSLIC 5K GATE 25MHZ 256BGA                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>AT94S10AL-25BQI</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC FPSLIC 10K GATE 144LQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>AT94K40AL-25BQU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC FPSLIC 40K GATE 25MHZ 144LQFP                  In stock: 48 pcs  <a href="#">RFQ</a></p>
 <p><b>AT94K40AL-25DQC</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC FPSLIC 40K GATE 25MHZ 208QFP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>AT94S10AL-25BQC</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC FPSLIC 10K GATE 144LQFP                  In stock: Out stock  <a href="#">RFQ</a></p>

