

**AT94K40AL-25BQU Information**


For Reference Only

**Part Number** AT94K40AL-25BQU  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
 Embedded - FPGAs (Field Programmable Gate Array) with Microcontrollers  
**Description** IC FPSLIC 40K GATE 25MHZ 144LQFP  
**Package** 144-LQFP  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**AT94K40AL-25BQU Specifications**

|                          |   |
|--------------------------|---|
| Manufacturer Part Number | AT94K40AL-25BQU   |
| Manufacturer             | Microchip Technology  |
| Category                 | Integrated Circuits (ICs)<br>Embedded - FPGAs (Field Programmable Gate Array) with Microcontrollers |
| Package                  | 144-LQFP  |
| Series                   | FPSLIC?   |
| Core Type                | 8-bit AVR   |
| Speed                    | 18MHz   |
| Interface                | I2C, UART   |
| Program SRAM Bytes       | 20K-32K   |
| FPGA SRAM                | 18kb  |
| EEPROM Size              | -   |
| Data SRAM Bytes          | 4K ~ 16K  |
| FPGA Core Cells          | 2304  |
| FPGA Gates               | 40K   |
| FPGA Registers           | 2862  |
| Voltage - Supply         | 3 V ~ 3.6 V   |
| Mounting Type            | Surface Mount   |
| Operating Temperature    | -40°C ~ 85°C  |
| Package / Case           | 144-LQFP  |
| Supplier Device Package  | 144-LQFP (20x20)  |

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## AT94K40AL-25BQU Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## AT94K40AL-25BQU Payment Methods



## AT94K40AL-25BQU Shipping Methods



If you have any question about AT94K40AL-25BQU, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)