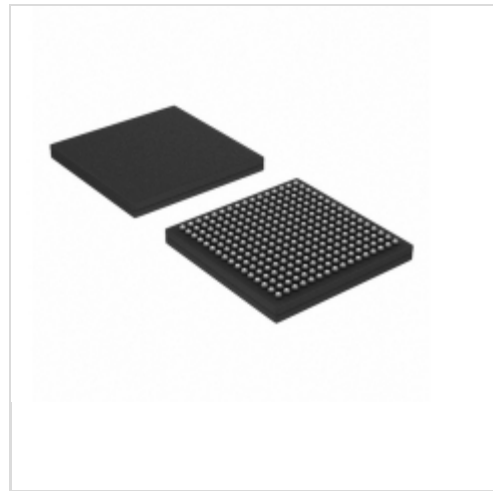


## AT94S40AL-25DGC



### Microchip Technology

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 Contains lead / RoHS non-compliant  
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See Product Specifications for product details.

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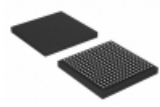
5

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### Specifications

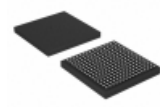
<b>Voltage - Supply:</b>	3 V ~ 3.6 V
<b>Supplier Device Package:</b>	256-CABGA (17x17)
<b>Speed:</b>	16MHz
<b>Series:</b>	FPSLIC®
<b>Program SRAM Bytes:</b>	20K-32K
<b>Packaging:</b>	Tray
<b>Package / Case:</b>	256-LBGA, CABGA
<b>Operating Temperature:</b>	0°C ~ 70°C
<b>Mounting Type:</b>	Surface Mount
<b>Interface:</b>	I <sup>2</sup> C, UART
<b>FPGA SRAM:</b>	18kb
<b>FPGA Registers:</b>	2862
<b>FPGA Gates:</b>	40K
<b>FPGA Core Cells:</b>	2304
<b>EEPROM Size:</b>	1M x 8
<b>Data SRAM Bytes:</b>	4K ~ 16K
<b>Core Type:</b>	8-bit AVR

### Related products



**AT94S40AL-25DGI**  
 IC FPSLIC 40K GATE 25MHZ 256BGA  
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**AT94S40AL-25DGI**  
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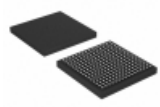
**AT94S\_05**  
 Secure 5K - 40K Gates of AT40K FPGA  
 with 8-bit Microcontroller, up to 36  
 Kbytes of SRAM and On-chip

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**AT94S40AL-25BQI**  
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**AT9704-02YC**  
 SWITCH ACC SOCKET  
[NKK Switches](#)

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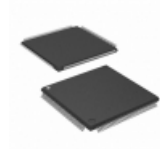
**AT94S40**  
 Secure 5K - 40K Gates of AT40K FPGA  
 with 8-bit Microcontroller, up to 36  
 Kbytes of SRAM and On-chip P

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 IC FPSLIC 40K GATE 144LQFP  
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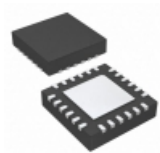
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**AT94S40AL**  
 Secure 5K - 40K Gates of AT40K FPGA  
 with 8-bit Microcontroller, up to 36  
 Kbytes of SRAM and On-chip P

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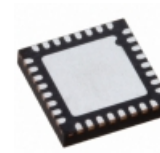
**MAX3946ETG+**  
 IC LASER DVR SFP 11.3GBPS 24TQFN  
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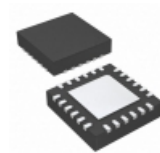
**LM5068MMX-2**  
 IC CTRL HOT SWAP -48V 8VSSOP  
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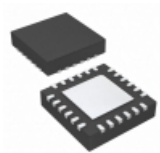
**M02096G-12**  
 IC LASER DRVR 2.5GBPS AMP  
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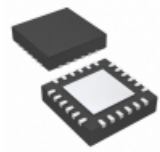
**MAX3646ETG+**  
 IC LSR DRVR 622MBPS 3.63V 24TQFN  
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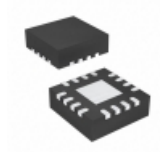
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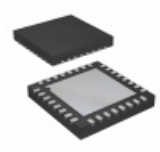
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