

## MB90427GAVPF-GS-304



**Cypress Semiconductor**  
 IC MCU 16BIT 64KB MROM 100QFP  
 Lead free / RoHS Compliant  
 Integrated Circuits (ICs)

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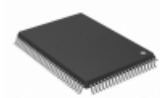
**5**

receive the goods

### Specifications

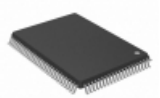
|                                    |                                     |
|------------------------------------|-------------------------------------|
| <b>Voltage - Supply (Vcc/Vdd):</b> | 4.5 V ~ 5.5 V                       |
| <b>Supplier Device Package:</b>    | 100-QFP (14x20)                     |
| <b>Speed:</b>                      | 16MHz                               |
| <b>Series:</b>                     | F <sup>2</sup> MC-16LX MB90425G (A) |
| <b>RAM Size:</b>                   | 4K x 8                              |
| <b>Program Memory Type:</b>        | Mask ROM                            |
| <b>Program Memory Size:</b>        | 64KB (64K x 8)                      |
| <b>Peripherals:</b>                | LCD, LVD, POR, PWM, WDT             |
| <b>Packaging:</b>                  | Tray                                |
| <b>Package / Case:</b>             | 100-BQFP                            |
| <b>Oscillator Type:</b>            | External                            |
| <b>Operating Temperature:</b>      | -40°C ~ 105°C (TA)                  |
| <b>Number of I/O:</b>              | 58                                  |
| <b>EEPROM Size:</b>                | -                                   |
| <b>Data Converters:</b>            | A/D 8x8/10b                         |
| <b>Core Size:</b>                  | 16-Bit                              |
| <b>Core Processor:</b>             | F <sup>2</sup> MC-16LX              |
| <b>Connectivity:</b>               | CAN, UART/USART                     |

### Related products



**MB90427GAVPF-GS-299E1**  
 IC MCU 16BIT 64KB MROM 100QFP  
 Cypress Semiconductor Corp

RFQ



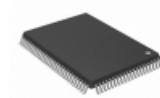
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 Cypress Semiconductor Corp

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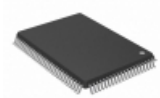
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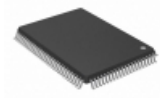
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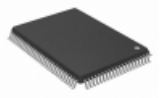
**MB90427GAVPF-GS-309**  
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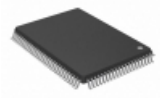
**MB90427GAVPF-GS-297**  
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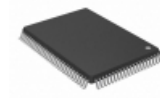
**MB90427GAVPF-GS-307E1**  
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**MB90427GAVPF-GS-267**  
 IC MCU 16BIT 64KB MROM 100QFP  
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**MB90427GAVPF-GS-319E1**  
 IC MCU 16BIT 64KB MROM 100QFP  
 Cypress Semiconductor Corp

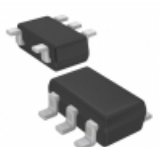
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### Guess You May Looking For



**MAX695CWE+**  
 IC MPU SUPERVISRY CIRCUIT 16SOIC  
 Maxim Integrated

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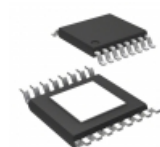
**XC6124E432MR-G**  
 IC WATCHDOG TIMER SOT-25  
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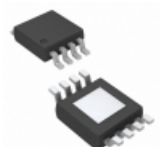
**MAX6385XS43D1-T**  
 IC MPU/RESET CIRC 4.30V SC70-4  
 Maxim Integrated

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**TPS40070PWP**  
 IC REG CTRLR BUCK 16HTSSOP  
 Texas Instruments

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**RT6206AHGSP**  
 IC REG BUCK ADJ 5.5A SYNC 8SOP  
 Richtek USA Inc.

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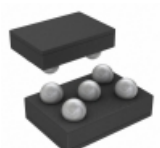
**TPS62000DGSRG4**  
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 Texas Instruments

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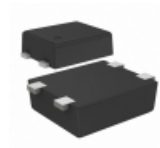
**LM317AT/NOPB**  
 IC REG LINEAR ADJ 1.5A TO220-3  
 Texas Instruments

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**LP3985ITL-2.9/NOPB**  
 IC REG LDO 2.9V 0.15A 5DSBGA  
 Texas Instruments

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**S-13R1H27-14T1U3**  
 IC REG LINEAR 2.7V 0.15A  
 SII Semiconductor Corporation

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**S-13D1B1828-A6T2U3**  
 IC REG LIN 1.8V/2.8V 0.15A HSNT6  
 SII Semiconductor Corporation

RFQ

