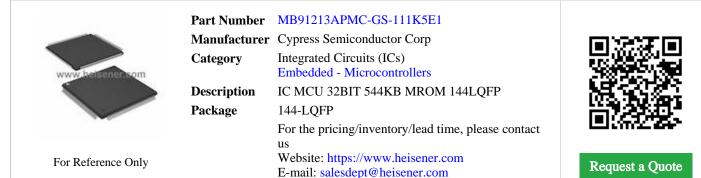


#### MB91213APMC-GS-111K5E1 Information



### **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.



# MB91213APMC-GS-111K5E1 Specifications

| Manufacturer Part Number   | MB91213APMC-GS-111K5E1      |
|----------------------------|-----------------------------|
| Manufacturer               | Cypress Semiconductor Corp  |
| Category                   | Integrated Circuits (ICs)   |
|                            | Embedded - Microcontrollers |
| Package                    | 144-LQFP                    |
| Series                     | FR MB91210                  |
| Core Processor             | FR60Lite RISC               |
| Core Size                  | 32-Bit                      |
| Speed                      | 40MHz                       |
| Connectivity               | CAN, LIN, SPI, UART/USART   |
| Peripherals                | DMA, WDT                    |
| Number of I/O              | 118                         |
| Program Memory Size        | 544KB (544K x 8)            |
| Program Memory Type        | Mask ROM                    |
| EEPROM Size                | -                           |
| RAM Size                   | 24K x 8                     |
| Voltage - Supply (Vcc/Vdd) | 3 V ~ 5.5 V                 |
| Data Converters            | A/D 32x10b                  |
| Oscillator Type            | External                    |
| Operating Temperature      | -40°C ~ 105°C (TA)          |
| Mounting Type              | -                           |
| Package / Case             | 144-LQFP                    |
| Supplier Device Package    | 144-LQFP (20x20)            |
|                            | Report errors?              |

#### MB91213APMC-GS-111K5E1 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.

## MB91213APMC-GS-111K5E1 Payment Methods





If you have any question about MB91213APMC-GS-111K5E1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com