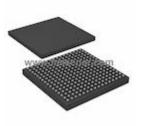




### M2S005S-VFG256 Information



For Reference Only

Part Number M2S005S-VFG256

Manufacturer Microsemi Corporation

Category Integrated Circuits (ICs)

Embedded - System On Chip (SoC)

**Description** IC FPGA SOC 5K LUTS

Package 256-LBGA

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: 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.









# M2S005S-VFG256 Specifications

| Manufacturer Part Number | M2S005S-VFG256   |
|--------------------------|--|
| Manufacturer             | Microsemi Corporation                                    |
| Category                 | Integrated Circuits (ICs)                                |
|                          | Embedded - System On Chip (SoC)                          |
| Package                  | 256-LBGA   |
| Series                   | SmartFusion?2  |
| Architecture             | MCU, FPGA  |
| Core Processor           | ARM? Cortex?-M3  |
| Flash Size               | 128KB  |
| RAM Size                 | 64KB   |
| Peripherals              | DDR  |
| Connectivity             | CAN, Ethernet, I2C, SPI, UART/USART, USB                 |
| Speed                    | 166MHz   |
| Primary Attributes       | FPGA - 5K Logic Modules                                  |
| Operating Temperature    | $0^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TJ)}$ |
| Package / Case           | 256-LBGA   |
| Supplier Device Package  | 256-FPBGA (17x17)  |
|                          | Report errors?   |

#### M2S005S-VFG256 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.

### M2S005S-VFG256 Payment Methods



















# M2S005S-VFG256 Shipping Methods













If you have any question about M2S005S-VFG256, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com