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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><div>Not Actual Photo<br/>YIC International Co., Limited.</div></div> | <div><div>MB91F585AMHPMC-GTE1</div></div> <div><div>Manufacturer Part Number:</div><div>MB91F585AMHPMC-GTE1</div></div> <div><div>Manufacturer/Brand:</div><div>Cypress Semiconductor</div></div> <div><div>Part of Description:</div><div>IC MCU 32BIT 576KB FLASH 100LQFP</div></div> <div><div>Datasheets:</div><div> <a href="#">MB91F585AMHPMC-GTE1.pdf</a></div></div> <div><div>RoHs Status:</div><div> Lead free / RoHS</div></div> <div><div>Stock Condition:</div><div>Compliant<br/>New original, 2636 pcs Stock Available.</div></div> <div><div>Ship From:</div><div>Hong Kong</div></div> <div><div>Shipment Way:</div><div>DHL/Fedex/TNT/UPS/EMS</div></div> |
| <div>Image may be representation.<br/>See specs for product details.</div>                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

| Specifications                   |                                                         |
|----------------------------------|---------------------------------------------------------|
| Part Number                      | MB91F585AMHPMC-GTE1                                     |
| Manufacturer                     | Cypress Semiconductor                                   |
| Description                      | IC MCU 32BIT 576KB FLASH 100LQFP                        |
| Category                         | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                      | 2636 pcs Stock                                          |
| Voltage - Supply (Vcc/Vdd)       | 3.7 V ~ 5.5 V                                           |
| Supplier Device Package          | 100-LQFP (14x14)                                        |
| Speed                            | 128MHz                                                  |
| Series                           | FR MB91580                                              |
| RAM Size                         | 56K x 8                                                 |
| Program Memory Type              | FLASH                                                   |
| Program Memory Size              | 576KB (576K x 8)                                        |
| Peripherals                      | DMA, LVD, POR, PWM, WDT                                 |
| Packaging                        | Tray                                                    |
| Package / Case                   | 100-LQFP                                                |
| Other Names                      | CY91F585AMHPMC-GTE1                                     |
| Oscillator Type                  | External                                                |
| Operating Temperature            | -40°C ~ 125°C (TA)                                      |
| Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                           |
| Manufacturer Standard Lead Time  | 22 Weeks                                                |
| Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                              |
| EEPROM Size                      | 64K x 8                                                 |
| Detailed Description             | FR81S FR MB91580 Microcontroller IC 32-Bit 128MHz       |
| Data Converters                  | A/D 24x12b, D/A 1x10b                                   |
| Core Size                        | 32-Bit                                                  |
| Core Processor                   | FR81S                                                   |
| Connectivity                     | CANbus, CSIO, I²C, LINbus, SPI, UART/USART              |

You May Be Also Be interested

|                                                                                                                                                                                                                                     |                                                                                                                                                                                                                      |                                                                                                                                                                                                                      |                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>In:</div> <div></div> <div><div>MB91F585LBPMC-GTK5E1</div><div>Cypress Semiconductor</div><div>IC MCU 32BIT 576KB FLASH 144LQFP</div></div> | <div></div> <div><div>MB91F585LCPMC-GTK5E1</div><div>Cypress Semiconductor</div><div>IC MCU 32BIT 576KB FLASH 144LQFP</div></div> | <div></div> <div><div>MB91F585AMGPMC-GTE1</div><div>Cypress Semiconductor</div><div>IC MCU 32BIT 576KB FLASH 100LQFP</div></div> | <div></div> <div><div>MB91F585ASHPMC1-GTE1</div><div>Cypress Semiconductor</div><div>IC MCU 32BIT 576KB FLASH 64LQFP</div></div>  |
| <div></div> <div><div>MB91F577BPMC-GSK5E2</div><div>Cypress Semiconductor</div><div>IC MCU 32BIT 1MB FLASH 144LQFP</div></div>                   | <div></div> <div><div>MB91F579CHSPMC1-GSE1</div><div>Cypress Semiconductor</div><div>IC MCU 32BIT 2MB FLASH 144LQFN</div></div>   | <div></div> <div><div>MB91F585ASGPMC1-GTE1</div><div>Cypress Semiconductor</div><div>IC MCU 32BIT 576KB FLASH 64LQFP</div></div> | <div></div> <div><div>MB91F585LAPMC-GTK5E1</div><div>Cypress Semiconductor</div><div>IC MCU 32BIT 576KB FLASH 144LQFP</div></div> |

| MB91F585AMHPMC-GTE1 Related keyword       |                                  |                                 |                              |                               | More                |
|-------------------------------------------|----------------------------------|---------------------------------|------------------------------|-------------------------------|---------------------|
| MB91F585AMHPMC-GTE1 Cypress Semiconductor | MB91F585AMHPMC-GTE1 Data Sheet   | MB91F585AMHPMC-GTE1 Datasheets  | MB91F585AMHPMC-GTE1 PDF      | Cypress Semiconductor         | MB91F585AMHPMC-GTE1 |
| MB91F585AMHPMC-GTE1 Electronic            | MB91F585AMHPMC-GTE1 Components   | MB91F585AMHPMC-GTE1 Distributor | MB91F585AMHPMC-GTE1 Image    | MB91F585AMHPMC-GTE1 Part      |                     |
| MB91F585AMHPMC-GTE1 Price                 | MB91F585AMHPMC-GTE1 Manufacturer | MB91F585AMHPMC-GTE1 Picture     | MB91F585AMHPMC-GTE1 Stock    | MB91F585AMHPMC-GTE1 Inventory |                     |
|                                           |                                  | MB91F585AMHPMC-GTE1 New         | MB91F585AMHPMC-GTE1 Original | MB91F585AMHPMC-GTE1 Warranted |                     |
| MB91F585AMHPMC-GTE1 RFQ                   | MB91F585AMHPMC-GTE1 Order Online |                                 |                              |                               |                     |