

# Z8F2480PM020SG

#### **Z8F2480PM020SG Information**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Part Number<br>Manufacturer<br>Category | Z8F2480PM020SG<br>Zilog<br>Integrated Circuits (ICs)<br>Embedded - Microcontrollers |                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------|-----------------|
| THE PARTY OF THE P | Description                             | IC MCU 8BIT 24KB FLASH 40DIP                                                        |                 |
| A. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Package                                 | 40-DIP (0.620", 15.75mm)                                                            |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                         | For the pricing/inventory/lead time, please contact us                              | 121121-02722    |
| For Reference Only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                         | Website: https://www.heisener.com<br>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.



## **Z8F2480PM020SG Specifications**

| Manufacturer Part Number   | Z8F2480PM020SG                                               |                |  |
|----------------------------|--------------------------------------------------------------|----------------|--|
| Manufacturer               | Zilog                                                        |                |  |
| Category                   | Integrated Circuits (ICs)                                    |                |  |
|                            | Embedded - Microcontrollers                                  |                |  |
| Package                    | 40-DIP (0.620", 15.75mm)                                     |                |  |
| Series                     | Encore!? XP?                                                 |                |  |
| Core Processor             | eZ8                                                          |                |  |
| Core Size                  | 8-Bit                                                        |                |  |
| Speed                      | 20MHz                                                        |                |  |
| Connectivity               | I2C, IrDA, LIN, SPI, UART/USART                              |                |  |
| Peripherals                | Brown-out Detect/Reset, LED, LVD, POR, PWM, Temp Sensor, WDT |                |  |
| Number of I/O              | 33                                                           |                |  |
| Program Memory Size        | 24KB (24K x 8)                                               |                |  |
| Program Memory Type        | FLASH                                                        |                |  |
| EEPROM Size                | -                                                            |                |  |
| RAM Size                   | 3K x 8                                                       |                |  |
| Voltage - Supply (Vcc/Vdd) | 1.8 V ~ 3.6 V                                                |                |  |
| Data Converters            | A/D 8x10b                                                    |                |  |
| Oscillator Type            | Internal                                                     |                |  |
| Operating Temperature      | $0^{\circ}C \sim 70^{\circ}C$ (TA)                           |                |  |
| Mounting Type              | -                                                            |                |  |
| Package / Case             | 40-DIP (0.620", 15.75mm)                                     |                |  |
| Supplier Device Package    | -                                                            |                |  |
|                            |                                                              | Report errors? |  |

#### **Z8F2480PM020SG 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 BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### Z8F2480PM020SG Payment Methods





If you have any question about Z8F2480PM020SG, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com