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| <div><br/>An IXYS Company</div> <div><br/>Not Actual Photo<br/>YIC International Co., Limited.</div> | <b>Z8F1680PJ020SG</b>                                                                                                                     |
|                                                                                                                                                                                                                                                                        | <b>Manufacturer Part Number:</b> Z8F1680PJ020SG                                                                                           |
|                                                                                                                                                                                                                                                                        | <b>Manufacturer/Brand:</b> Zilog                                                                                                          |
|                                                                                                                                                                                                                                                                        | <b>Part of Description:</b> IC MCU 8BIT 16KB FLASH 28DIP                                                                                  |
|                                                                                                                                                                                                                                                                        |  <a href="#">1.Z8F1680PJ020SG.pdf</a>                    |
|                                                                                                                                                                                                                                                                        |  <a href="#">2.Z8F1680PJ020SG.pdf</a>                    |
|                                                                                                                                                                                                                                                                        | <b>Datasheets:</b>  <a href="#">3.Z8F1680PJ020SG.pdf</a> |
|                                                                                                                                                                                                                                                                        | <b>RoHs Status:</b>  Lead free / RoHS                    |
|                                                                                                                                                                                                                                                                        | <b>Stock Condition:</b> <div>Compliant</div> New original, 2669 pcs Stock Available.                                                      |
|                                                                                                                                                                                                                                                                        | <b>Ship From:</b> Hong Kong                                                                                                               |
|                                                                                                                                                                                                                                                                        | <b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS                                                                                                |

| Specifications             |                                                         |
|----------------------------|---------------------------------------------------------|
| Part Number                | Z8F1680PJ020SG                                          |
| Manufacturer               | Zilog                                                   |
| Description                | IC MCU 8BIT 16KB FLASH 28DIP                            |
| Category                   | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                | 2669 pcs Stock                                          |
| Voltage - Supply (Vcc/Vdd) | 1.8 V ~ 3.6 V                                           |
| Speed                      | 20MHz                                                   |
| Series                     | Encore!® XP®                                            |
| RAM Size                   | 3K x 8                                                  |
| Program Memory Type        | FLASH                                                   |
| Program Memory Size        | 16KB (16K x 8)                                          |
| Peripherals                | Brown-out Detect/Reset, LED, LVD, POR, PWM, Temp        |
| Packaging                  | Tube                                                    |
| Package / Case             | 28-DIP (0.600", 15.24mm)                                |
| Oscillator Type            | Internal                                                |
| Operating Temperature      | 0°C ~ 70°C (TA)                                         |
| Number of I/O              | 23                                                      |
| EEPROM Size                | -                                                       |
| Data Converters            | A/D 8x10b                                               |
| Core Size                  | 8-Bit                                                   |
| Core Processor             | eZ8                                                     |
| Connectivity               | I²C, IrDA, LIN, SPI, UART/USART                         |

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|                                                                                                                                                                                                    |                                                                                                                                                                                                 |                                                                                                                                                                                                 |                                                                                                                                                                                                      |
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Z8F1680PJ020SG Related keyword

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