

S6J328CLSMSC20000



**Part Number:** [S6J328CLSMSC20000](#)  
**Manufacturer:** [Cypress Semiconductor](#)  
**Description:** IC MCU AUTO 216EX-LQFP  
**Data sheet:**  [S6J3200 Series](#)

**RoHs Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                               |                                  |                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S6J328CLSMSC20000                                                                                             | Manufacturer                     | <a href="#">Cypress Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU AUTO 216EX-LQFP                                                                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5694 pcs                                                                                                      | Data sheet                       | <a href="#">S6J3200 Series</a>        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                                                                     | Voltage - Supply (Vcc/Vdd)       | 1.15 V ~ 5.5 V                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 216-TEQFP (24x24)                                                                                             | Speed                            | 240MHz                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Traveo S6J3200                                                                                                | RAM Size                         | 512K x 8                              |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FLASH                                                                                                         | Program Memory Size              | 2.112MB (2.112M x 8)                  |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                              | DMA, I <sup>2</sup> S, LVD, POR, PWM, WDT                                                                     | Package / Case                   | 216-LQFP                              |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Internal                                                                                                      | Operating Temperature            | -40°C ~ 105°C (TA)                    |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 120                                                                                                           | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                                                                                    | EEPROM Size                      | -                                     |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ARM® Cortex®-R5F Traveo S6J3200 Microcontroller IC 32-Bit 240MHz 2.112MB (2.112M x 8) FLASH 216-TEQFP (24x24) | Data Converters                  | A/D 50x12b                            |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 32-Bit                                                                                                        | Core Processor                   | ARM® Cortex®-R5F                      |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CANbus, CSIO, Ethernet, I <sup>2</sup> C, LINbus, SPI, UART/USART                                             |                                  |                                       |
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|  | Part#: <a href="#">S6J329CLSMSC20000</a><br>Description: IC MCU AUTO 216EX-LQFP          | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
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