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|------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>SPC5741PK1AMLQ8</b> |                                                                                                                                   |
| Part Number            | <a href="#">SPC5741PK1AMLQ8</a>                                                                                                   |
| Manufacturer           | <a href="#">NXP Semiconductors / Freescale</a>                                                                                    |
| Description            | 1MB NVM 2 X E200Z4 CORES 180MH                                                                                                    |
| Quantity Available     | 500 pcs in stock                                                                                                                  |
| Datasheets             | <a href="#">SPC5741PK1AMLQ8.pdf</a>                                                                                               |
| SPC5741PK1AMLQ8 Price  | <a href="#">Request Price &amp; Lead Time Online</a><br>or Email us: <a href="mailto:Info@ariat-tech.com">Info@ariat-tech.com</a> |


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| Technical Information of SPC5741PK1AMLQ8 |                                                |                                  |                                                                                               |
|------------------------------------------|------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------|
| Manufacturer Part Number                 | <a href="#">SPC5741PK1AMLQ8</a>                | Category                         | Integrated Circuits (ICs)                                                                     |
| Manufacturer                             | <a href="#">NXP Semiconductors / Freescale</a> | Description                      | 1MB NVM 2 X E200Z4 CORES 180MH                                                                |
| Package / Case                           | Tray                                           | Quantity Available               | 500                                                                                           |
| Voltage - Supply (Vcc/Vdd)               | 3.15 V ~ 5.5 V                                 | Supplier Device Package          | 144-LQFP (20x20)                                                                              |
| Speed                                    | 180MHz                                         | Series                           | MPC57xx                                                                                       |
| RAM Size                                 | 128K x 8                                       | Program Memory Type              | FLASH                                                                                         |
| Program Memory Size                      | 1MB (1M x 8)                                   | Peripherals                      | DMA, LVD, POR, WDT                                                                            |
| Packaging                                | Tray                                           | Package / Case                   | 144-LQFP                                                                                      |
| Other Names                              | 935316273557                                   | Oscillator Type                  | Internal                                                                                      |
| Operating Temperature                    | -40°C ~ 125°C (TA)                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                 |
| EEPROM Size                              | -                                              | Detailed Description             | e200z4 MPC57xx Microcontroller IC 32-Bit Dual-Core 180MHz 1MB (1M x 8) FLASH 144-LQFP (20x20) |
| Data Converters                          | A/D 64x12b                                     | Core Size                        | 32-Bit Dual-Core                                                                              |
| Core Processor                           | e200z4                                         | Connectivity                     | CANbus, Ethernet, FlexRay, LINbus, SPI, UART/USART                                            |

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| Related parts for SPC5741PK1AMLQ8 |                                  |                                 |                                |          |
|-----------------------------------|----------------------------------|---------------------------------|--------------------------------|----------|
| Image                             | Part Number                      | Description                     | Manufacturer                   | Quantity |
|                                   | <a href="#">SPC5742PK1AMLQ5</a>  | 1.5MB NVM 2 X E200Z4 CORES 150  | NXP Semiconductors / Freescale | 500 pcs  |
|                                   | <a href="#">SPC5742PFK1AMLQ8</a> | 1.5MB NVM 2 X E200Z4 CORES 180  | NXP Semiconductors / Freescale | 500 pcs  |
|                                   | <a href="#">SPC5741PK1AMLQ8R</a> | 1MB NVM 2 X E200Z4 CORES 180MH  | NXP Semiconductors / Freescale | 500 pcs  |
|                                   | <a href="#">SPC5742PFK1AKLQ5</a> | 1.5MB NVM 2 X E200Z4 CORES 150  | NXP Semiconductors / Freescale | 500 pcs  |
|                                   | <a href="#">SPC5742PK1AMLQ9</a>  | 1.5MB NVM 2 X E200Z4 CORES 200  | NXP Semiconductors / Freescale | 500 pcs  |
|                                   | <a href="#">SPC570SADPT64S</a>   | SPC570SX ETQFP64 DAUGHTER CARD  | STMicroelectronics             | 1 pcs    |
|                                   | <a href="#">SPC572L64E3BC6AY</a> | TQFP 100 14X14X1.0 1            | STMicroelectronics             | 500 pcs  |
|                                   | <a href="#">SPC572LADPT80S</a>   | SPC572LX ETQFP80 DAUGHTER CARD  | STMicroelectronics             | 2 pcs    |
|                                   | <a href="#">SPC5742PK1AMLQ8</a>  | 1.5MB NVM 2 X E200Z4 CORES 180  | NXP Semiconductors / Freescale | 500 pcs  |
|                                   | <a href="#">SPC572L64F2BC6AY</a> | TQFP-EP 80L 10X10X1.            | STMicroelectronics             | 500 pcs  |
|                                   | <a href="#">SPC572L64E3BC6AR</a> | TQFP 100 14X14X1.0 1            | STMicroelectronics             | 500 pcs  |
|                                   | <a href="#">SPC5741PK1AMLQ9R</a> | 1MB, 128K RAM, 144PIN           | NXP Semiconductors / Freescale | 500 pcs  |
|                                   | <a href="#">SPC5741PK1AKLQ8R</a> | 1MB NVM 2 X E200Z4 CORES 180MH  | NXP Semiconductors / Freescale | 500 pcs  |
|                                   | <a href="#">SPC5741PK1AKLQ8</a>  | 1MB NVM 2 X E200Z4 CORES 180MH  | NXP Semiconductors / Freescale | 500 pcs  |
|                                   | <a href="#">SPC5742PFK1AMLQ9</a> | 1.5MB NVM 2 X E200Z4 CORES 200  | NXP Semiconductors / Freescale | 500 pcs  |
|                                   | <a href="#">SPC5741PK1AMLQ9</a>  | 1MB, 128K RAM, 144PIN           | NXP Semiconductors / Freescale | 500 pcs  |
|                                   | <a href="#">SPC572LADPT100S</a>  | SPC572LX ETQFP100 DAUGHTER CARD | STMicroelectronics             | 2 pcs    |
|                                   | <a href="#">SPC5742PK1AMLQ8R</a> | 1.5MB NVM 2 X E200Z4 CORES 180  | NXP Semiconductors / Freescale | 500 pcs  |
|                                   | <a href="#">SPC5741PK1AMLQ5</a>  | 1MB NVM 2 X E200Z4 CORES 150MH  | NXP Semiconductors / Freescale | 500 pcs  |
|                                   | <a href="#">SPC572L64F2BC6AR</a> | TQFP-EP 80L 10X10X1.            | STMicroelectronics             | 500 pcs  |

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