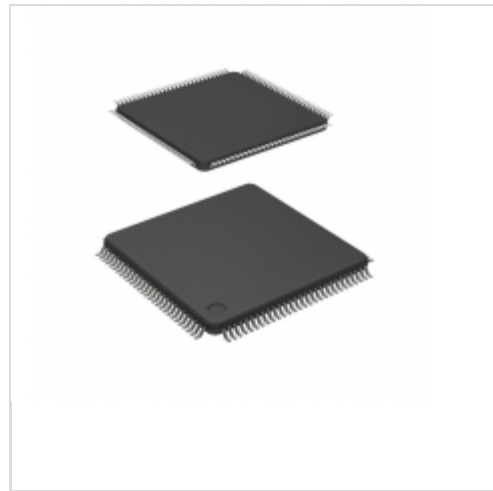


## S912XHY128F0VLM



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IC MCU 16BIT 128KB FLASH 112LQFP

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Integrated Circuits (ICs)

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### Specifications

|                                    |                                                     |
|------------------------------------|-----------------------------------------------------|
| <b>Voltage - Supply (Vcc/Vdd):</b> | 4.5 V ~ 5.5 V                                       |
| <b>Supplier Device Package:</b>    | 112-LQFP (20x20)                                    |
| <b>Speed:</b>                      | 40MHz                                               |
| <b>Series:</b>                     | HCS12X                                              |
| <b>RAM Size:</b>                   | 8K x 8                                              |
| <b>Program Memory Type:</b>        | FLASH                                               |
| <b>Program Memory Size:</b>        | 128KB (128K x 8)                                    |
| <b>Peripherals:</b>                | LCD, Motor control PWM, POR, PWM, WDT               |
| <b>Packaging:</b>                  | Tray                                                |
| <b>Package / Case:</b>             | 112-LQFP                                            |
| <b>Oscillator Type:</b>            | External                                            |
| <b>Operating Temperature:</b>      | -40°C ~ 105°C (TA)                                  |
| <b>Number of I/O:</b>              | 88                                                  |
| <b>EEPROM Size:</b>                | 8K x 8                                              |
| <b>Data Converters:</b>            | A/D 12x10b                                          |
| <b>Core Size:</b>                  | 16-Bit                                              |
| <b>Core Processor:</b>             | HCS12X                                              |
| <b>Connectivity:</b>               | CAN, EBI/EMI, I <sup>2</sup> C, IrDA, LIN, SCI, SPI |

### Related products



**S912XHY256CLM**

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**S912XHY256F0CLM**

IC MCU 16BIT 256KB FLASH 112LQFP

[NXP USA Inc.](#)

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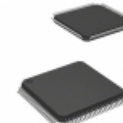


**S912XHY256F0MLL**

IC MCU 16BIT 256KB FLASH 100LQFP

[NXP USA Inc.](#)

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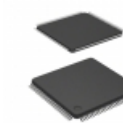


**S912XHY128F0CLL**

IC MCU 16BIT 128KB FLASH 100LQFP

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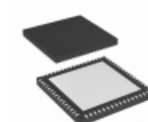


**NCP1601ADR2**

IC CTRLR PFC FREQ DCM/CRM 8SOIC

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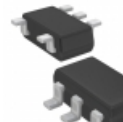


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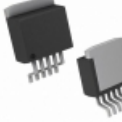


**MIC23051-945YML-TR**

IC REG BUCK 1.25V 0.6A SYNC 8MLF

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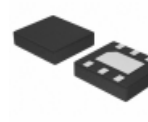


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