

R5F10BBCKNA#W5



Part Number: [R5F10BBCKNA#W5](#)

Manufacturer: [Renesas Electronics America](#)

Description: RL78/F13(CAN) 32PIN QFN 32K

Data sheet:  [RL78/F13,F14 Hrdw Manual](#)

RoHs Status: Lead free / RoHS Compliant

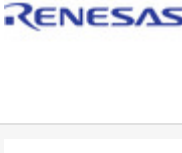
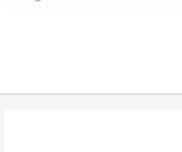
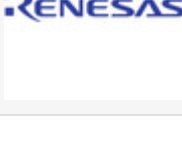
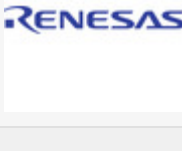
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                |                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | R5F10BBCKNA#W5                            | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | RL78/F13(CAN) 32PIN QFN 32K               | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 24764 pcs                                 | Data sheet                     | <a href="#">RL78/F13,F14 Hrdw Manual</a>                                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.7 V ~ 5.5 V                                                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 32-HVQFN (5x5)                            | Speed                          | 32MHz                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | RL78/F13                                  | RAM Size                       | 2K x 8                                                                            |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                | FLASH                                     | Program Memory Size            | 32KB (32K x 8)                                                                    |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LVD, POR, PWM, WDT                        | Packaging                      | Tape & Reel (TR)                                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 32-VFQFN Exposed Pad                      | Oscillator Type                | Internal                                                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -40°C ~ 125°C (TA)                        | Number of I/O                  | 25                                                                                |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 24 Weeks                                  | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                        |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4K x 8                                    | Detailed Description           | RL78 RL78/F13 Microcontroller IC 16-Bit 32MHz 32KB (32K x 8) FLASH 32-HVQFN (5x5) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | A/D 8x10b                                 | Core Size                      | 16-Bit                                                                            |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | RL78                                      | Connectivity                   | CANbus, CSI, I <sup>2</sup> C, LINbus, SPI, UART/USART                            |
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|  | Part#: <a href="#">R5F10DLDJFB#V2</a><br>Description: IC MCU 16BIT 48KB FLASH 48LQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F10BAEKSP#U5</a><br>Description: IC MCU 16BIT 64KB FLASH 30SSOP   | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
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|  | Part#: <a href="#">R5F10BAGLSP#W5</a><br>Description: RL78/F13(CAN) 30PIN SSOP 128K -4 | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F10BGGKFB#V5</a><br>Description: IC MCU 16BIT 128KB FLASH 48LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F10BGGLNA#W5</a><br>Description: 16BIT MCU RL78(AUTO)/F13_F14     | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R5F10BAEKSP#W5</a><br>Description: 16-BIT GENERAL MCU RL78(AUTO)    | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
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|  | Part#: <a href="#">R5F10ABEKNA#U5</a><br>Description: 16BIT MCU RL78(AUTO)/F13_F14     | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |

| Related keywords for R5F10BBCKNA#W5        |                                        |                         |                      |
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