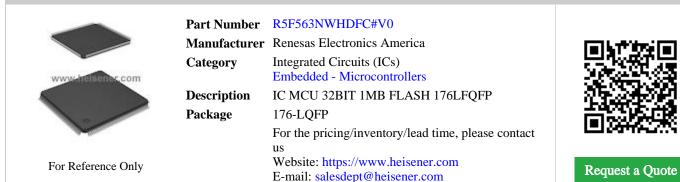


R5F563NWHDFC#V0

R5F563NWHDFC#V0 Information



Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



R5F563NWHDFC#V0 Specifications

| Manufacturer Renesas Electronics America Manufacturers Embedded Circuits (ICs) Embedded - Microcontrollers Embedded - Microcontrollers Package 176-LQFP Series RX600 Core Processor RX Core Size 32-Bit Speed 100MHz Connectivity CAN, EBI/EMI, Ethernet, I2C, LIN, SCI, SPI, USB Peripherals DMA, LVD, POR, PWM, WDT Number of I/O 133 Program Memory Size IMB (IM x 8) EEPROM Size 32K x 8 RAM Size 192K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 3.6 V Data Converters A/D 8x10b, 21x12b, D/A 2x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 176-LQFP | | |
|--|----------------------------|---|
| CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage176-LQFPSeriesRX600Core ProcessorRXCore Size32-BitSpeed100MHzConnectivityCAN, EBI/EMI, Ethernet, I2C, LIN, SCI, SPI, USBPoripheralsDMA, LVD, POR, PWM, WDTNumber of I/O133Program Memory SizeHB (1M x 8)EEPROM Size32K x 8RAM Size192K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersAD8 x10b, 21x12b, D/A 2x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case176-LQFPSupplier Device Package176-LQFP (24x24) | Manufacturer Part Number | R5F563NWHDFC#V0 |
| Indext and the second | Manufacturer | Renesas Electronics America |
| Package176-LQFPSeriesRX600Core ProcessorRXCore Size32-BitSpeed100MHzConnectivityCAN, EBI/EMI, Ethernet, I2C, LIN, SCI, SPI, USBPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O133Program Memory SizeHB (1M x 8)EEPROM Size32K x 8RAM Size192K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type76-LQFP (2424)Supplier Device Package176-LFQFP (2424) | Category | Integrated Circuits (ICs) |
| SeriesRX600Core ProcessorRXCore Size32-BitSpeed100MHzConnectivityCAN, EBI/EMI, Ethernet, I2C, LIN, SCI, SPI, USBPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O133Program Memory SizeIMB (IM x 8)Program Memory TypeFLASHEEPROM Size32K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 8x10b, 21x12b, D/A 2x10bOscillator TypeInternalOperating Temperature-Package / Case176-LQFPSupplier Device Package176-LQFP (24x24) | | Embedded - Microcontrollers |
| Core ProcessorRXCore Size32-BitSpeed100MHzConnectivityCAN, EBI/EMI, Ethernet, I2C, LIN, SCI, SPI, USBPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O133Program Memory SizeIMB (1M x 8)Program Memory TypeFLASHEEPROM Size32K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 8x10b, 21x12b, D/A 2x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type176-LQFPSupplier Device Package176-LFQFP (24x24) | Package | 176-LQFP |
| Core Size32-BitSpeed100MHzConnectivityCAN, EBI/EMI, Ethernet, I2C, LIN, SCI, SPI, USBPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O133Program Memory SizeIMB (1M x 8)Program Memory TypeFLASHEEPROM Size32K x 8RAM Size192K x 8Voltag - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 8x10b, 21x12b, D/A 2x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case176-LQFP (24x24) | Series | RX600 |
| Speed100MHzConnectivityCAN, EBI/EMI, Ethernet, I2C, LIN, SCI, SPI, USBPeripheralsDMA, LVD, POR, PWM, WDTNumber of I/O133Program Memory SizeIMB (1M x 8)Program Memory TypeFLASHEEPROM Size32K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 8x10b, 21x12b, D/A 2x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type.Package / Case176-LQFP (24x24) | Core Processor | RX |
| Connectivity CAN, EBI/EMI, Ethernet, I2C, LIN, SCI, SPI, USB Peripherals DMA, LVD, POR, PWM, WDT Number of I/O 133 Program Memory Size IMB (1M x 8) Program Memory Type FLASH EEPROM Size 32K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 3.6 V Data Converters A/D 8x10b, 21x12b, D/A 2x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 176-LQFP (24x24) | Core Size | 32-Bit |
| Peripherals DMA, LVD, POR, PWM, WDT Number of I/O 133 Program Memory Size IMB (1M x 8) Program Memory Type FLASH EEPROM Size 32K x 8 RAM Size 192K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 3.6 V Data Converters A/D 8x10b, 21x12b, D/A 2x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Package / Case 176-LQFP (24x24) | Speed | 100MHz |
| Number of I/O 133 Program Memory Size 1MB (1M x 8) Program Memory Type FLASH EEPROM Size 32K x 8 RAM Size 192K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 3.6 V Data Converters A/D 8x10b, 21x12b, D/A 2x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 176-LQFP (24x24) | Connectivity | CAN, EBI/EMI, Ethernet, I2C, LIN, SCI, SPI, USB |
| Program Memory SizeIMB (1M x 8)Program Memory TypeFLASHEEPROM Size32K x 8RAM Size192K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 8x10b, 21x12b, D/A 2x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case176-LQFP (24x24) | Peripherals | DMA, LVD, POR, PWM, WDT |
| Program Memory TypeFLASHEEPROM Size32K x 8RAM Size192K x 8Voltage - Supply (Vcc/Vd)2.7 V ~ 3.6 VData ConvertersA/D 8x10b, 21x12b, D/A 2x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case176-LQFPSupplier Device Package176-LFQFP (24x24) | Number of I/O | 133 |
| EEPROM Size32K x 8RAM Size192K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 8x10b, 21x12b, D/A 2x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case176-LQFPSupplier Device Package176-LFQFP (24x24) | Program Memory Size | 1MB (1M x 8) |
| RAM Size 192K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 3.6 V Data Converters A/D 8x10b, 21x12b, D/A 2x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 176-LQFP (24x24) | Program Memory Type | FLASH |
| Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 8x10b, 21x12b, D/A 2x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case176-LQFPSupplier Device Package176-LFQFP (24x24) | EEPROM Size | 32K x 8 |
| Data ConvertersA/D 8x10b, 21x12b, D/A 2x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case176-LQFPSupplier Device Package176-LFQFP (24x24) | RAM Size | 192K x 8 |
| Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case176-LQFPSupplier Device Package176-LFQFP (24x24) | Voltage - Supply (Vcc/Vdd) | 2.7 V ~ 3.6 V |
| Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case176-LQFPSupplier Device Package176-LFQFP (24x24) | Data Converters | A/D 8x10b, 21x12b, D/A 2x10b |
| Mounting Type-Package / Case176-LQFPSupplier Device Package176-LFQFP (24x24) | Oscillator Type | Internal |
| Package / Case176-LQFPSupplier Device Package176-LFQFP (24x24) | Operating Temperature | -40°C ~ 85°C (TA) |
| Supplier Device Package176-LFQFP (24x24) | Mounting Type | - |
| | Package / Case | 176-LQFP |
| Report errors? | Supplier Device Package | 176-LFQFP (24x24) |
| | | Report errors? |

R5F563NWHDFC#V0 Guarantees



Quality Guarantees

We provide 90 days warranty. * If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

SERVICE BUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

R5F563NWHDFC#V0 Payment Methods



If you have any question about R5F563NWHDFC#V0, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com