

R5F64185DFB#UB

R5F64185DFB#UB Information

| Heisener.com | R5F64185DFB#UB Renesas Electronics America Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU SMD 100-LQFP For the pricing/inventory/lead time, please contact | |
|--------------------|--|-----------------|
| For Reference Only | us Website: https://www.heisener.com E-mail: salesdept@heisener.com | Request a Quote |

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R5F64185DFB#UB Specifications

| Manufacturer Part Number R5F64185DFB#UB Manufacturer Renesas Electronics America Category Integrated Circuits (ICs) Embedded - Microcontrollers Embedded - Microcontrollers Package 100-LQFP Series M16C/R32C/100/118 Core Processor R32C/100 Core Processor 6/32-Bit Speed 50MHz Connectivity CANbus, EBI/EMI, PC, IEBus, UART/USART Peripherals DMA, LVD, PWM, WDT Number of I/O 84 Program Memory Size 34KB (384K x 8) PGard Memory Type FLASH EEPROM Size 8Kx 8 Voltage - Supply (Vcc/Vdd) 3V ~ 5.5V Data Converters A/D 26x10b; D/A 2x8b Oscillator Type Internal Operating Temperature 4-0°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 100-LQFP Surface Mount 100-LQFP | | | |
|---|----------------------------|--|---------|
| CategoryIntegrated Circuits (ICs) Embedded - MicrocontrollersPackage100-LQFPSeriesMIGC/R32C/100/118Core ProcessorR32C/100Core Size16/32-BitSpeedSOMHzConnectivityCANbus, EBI/EMI, PC, IEBus, UART/USARTPeripheralsDMA, LVD, PWM, WDTNumber of I/O84Program Memory Size384KB (384K x 8)Program Memory TypeFLASHEEPROM Size40K x 8Voltage - Supply (Vcc/Vdd)3V ~ 5.5VData ConvertersA/D 26x10b; D/A 2x8bOscillator TypeInternalOperating Temperature40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case100-LQFP (14x14) | Manufacturer Part Number | R5F64185DFB#UB | |
| Hebedded - MicrocontrollersPackage100-LQFPSeriesM16C/R32C/100/118Core ProcessorR32C/100Core Size16/32-BitSpeed50MHzConnectivityCANbus, EBI/EMI, PC, IEBus, UART/USARTPeripheralsDMA, LVD, PWM, WDTNumber of I/O84Program Memory Size384KB (384K x 8)Program Memory TypeFLASHEEPROM Size40K x 8Voltage - Supply (Vcc/Vdd)3V ~ 5.5VData ConvertersA/D 26x10b; D/A 2x8bOscillator TypeInternalOperating Temperature40°C ~ 85°C (TA)Mounting TypeSurface MountFackage / Case100-LFQFP (14x14) | Manufacturer | Renesas Electronics America | |
| Package100-LQFPSeriesM16C/R32C/100/118Core ProcessorR32C/100Core SizeI6/32-BitSpeed50MHzConectivityCANbus, EBI/EMI, PC, IEBus, UART/USARTPoreipheralsDMA, LVD, PWM, WDTNumber of I/O84Program Memory SizeS4KK 0384K x 8)FEPROM SizeFLASHVoltage - Supply (Vcc/Vdd)SV - 5.5VData ConvertersAnD 26x10b; D/A 2x8bOrdering Temperature-40°C ~85°C (TA)Mounting TypeSurface MountFackage / Case100-LQFP (14x14) | Category | Integrated Circuits (ICs) | |
| SeriesM16C/R32C/100/118Core ProcessorR32C/100Core Size16/32-BitSpeed50MHzConnectivityCANbus, EBI/EMI, PC, IEBus, UART/USARTPeripheralsDMA, LVD, PWM, WDTNumber of I/O84Program Memory Size384KB (384K x 8)Program Memory TypeFLASHEEPROM Size40K x 8Voltage - Supply (Vcc/Vdd)3V ~ 5.5VData ConvertersAD2 6x10b; D/A 2x8bOperating Temperature40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case100-LFQFP (14x14) | | Embedded - Microcontrollers | |
| Core ProcessorR32C/100Core Size16/32-BitSped50MHzConnectivityCANbus, EBJ/EMI, PC, IEBus, UART/USARTPeripheralsDMA, LVD, PWM, WDTNumber of I/O84Program Memory Size384KB (384K x 8)Program Memory TypeFLASHEEPROM Size8K x 8Voltage - Supply (Vcc/Vdd)3V ~ 5.5VData ConvertersAD26A10b; D/A 2x8bOscillator TypeInternalOperating Temperature40°C ~ 85°C (TA)Mounting Type10-LQFP (14x14) | Package | 100-LQFP | |
| Core Size16/32-BitSpeed50MHzConnectivityCANbus, EBJ/EMI, PC, IEBus, UART/USARTPoripheralsDMA, LVD, PWM, WDTNumber of I/O84Program Memory Size384KB (384K x 8)Program Memory TypeFLASHEEPROM Size8K x 8Voltage - Supply (Vcc/Vdd)3V ~ 5.5VData ConvertersAD2 6x10b; D/A 2x8bOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case100-LFQFP (14x14) | Series | M16C/R32C/100/118 | |
| Speed50MHzConnectivityCANbus, EBI/EMI, PC, IEBus, UART/USARTPeripheralsDMA, LVD, PWM, WDTNumber of I/O84Program Memory Size384KB (384K x 8)Program Memory TypeFLASHEEPROM Size8K x 8RAM Size40K x 8Voltage - Supply (Vcc/Vdd)SV ~ 5.5VData ConvertersAnD 26x10b; D/A 2x8bOperating Temperature40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case100-LQFP (14x14) | Core Processor | R32C/100 | |
| Connectivity CANbus, EBI/EMI, I²C, IEBus, UART/USART Peripherals DMA, LVD, PWM, WDT Number of I/O 84 Program Memory Size 384KB (384K x 8) Program Memory Type FLASH EEPROM Size 8K x 8 Voltage - Supply (Vcc/Vdd) 3V ~ 5.5V Data Converters A/D 26x10b; D/A 2x8b Oscillator Type Internal Operating Temperature 40°C ~ 85°C (TA) Mounting Type 100-LQFP (14x14) | Core Size | 16/32-Bit | |
| PeripheralsDMA, LVD, PWM, WDTNumber of I/O84Program Memory Size384KB (384K x 8)Program Memory TypeFLASHEEPROM Size8K x 8RAM Size40K x 8Voltage - Supply (Vcc/Vdd)3V ~ 5.5VData ConvertersA/D 26x10b; D/A 2x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case100-LQFP (14x14) | Speed | 50MHz | |
| Number of I/O 84 Program Memory Size 384KB (384K x 8) Program Memory Type FLASH EEPROM Size 8K x 8 RAM Size 40K x 8 Voltage - Supply (Vcc/Vdd) 3V ~ 5.5V Data Converters A/D 26x10b; D/A 2x8b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 100-LQFP (14x14) | Connectivity | CANbus, EBI/EMI, I ² C, IEBus, UART/USART | |
| Program Memory SizeSR4Program Memory TypeFLASHEEPROM Size8K x 8RAM Size40K x 8Voltage - Supply (Vcc/Vdd)3V ~ 5.5VData ConvertersA/D 26x10b; D/A 2x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case100-LQFP (14x14) | Peripherals | DMA, LVD, PWM, WDT | |
| Program Memory TypeFLASHEEPROM Size8K x 8RAM Size40K x 8Voltage - Supply (Vcc/Vdd)3V ~ 5.5VData ConvertersA/D 26x10b; D/A 2x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case100-LQFPSupplier Device Package100-LFQFP (14x14) | Number of I/O | 84 | |
| EEPROM Size8K x 8RAM Size40K x 8Voltage - Supply (Vcc/Vdd)3V ~ 5.5VData ConvertersA/D 26x10b; D/A 2x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case100-LQFPSupplier Device Package100-LFQFP (14x14) | Program Memory Size | 384KB (384K x 8) | |
| RAM Size40K x 8Voltage - Supply (Vcc/Vdd)3V ~ 5.5VData ConvertersA/D 26x10b; D/A 2x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case100-LQFPSupplier Device Package100-LFQFP (14x14) | Program Memory Type | FLASH | |
| Voltage - Supply (Vcc/Vdd)3V ~ 5.5VData ConvertersA/D 26x10b; D/A 2x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case100-LQFPSupplier Device Package100-LFQFP (14x14) | EEPROM Size | 8K x 8 | |
| Data ConvertersA/D 26x10b; D/A 2x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case100-LQFPSupplier Device Package100-LFQFP (14x14) | RAM Size | 40K x 8 | |
| Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case100-LQFPSupplier Device Package100-LFQFP (14x14) | Voltage - Supply (Vcc/Vdd) | 3V ~ 5.5V | |
| Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case100-LQFPSupplier Device Package100-LFQFP (14x14) | Data Converters | A/D 26x10b; D/A 2x8b | |
| Mounting TypeSurface MountPackage / Case100-LQFPSupplier Device Package100-LFQFP (14x14) | Oscillator Type | Internal | |
| Package / Case100-LQFPSupplier Device Package100-LFQFP (14x14) | Operating Temperature | -40°C ~ 85°C (TA) | |
| Supplier Device Package100-LFQFP (14x14) | Mounting Type | Surface Mount | |
| | Package / Case | 100-LQFP | |
| Report errors? | Supplier Device Package | 100-LFQFP (14x14) | |
| Report errors. | | Report e | errors? |

R5F64185DFB#UB 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

Service Guarantees

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

R5F64185DFB#UB Payment Methods





If you have any question about R5F64185DFB#UB, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com