

R5F64187DFB#UB

R5F64187DFB#UB Information

Heisener.com	 R5F64187DFB#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

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.



R5F64187DFB#UB Specifications

Manufacturer Part Number RSF64187DFB#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 R32C/100 Core Size 16/32-Bit Speed 50MHz Connectivity CANbus, EBI/EMI, PC, IEBus, UART/USART Peripherals DMA, LVD, PWM, WDT Number of I/O 84 Program Memory Size 640KB (640K x 8) Porgram 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 Surface Mount Package / Case 100-LFQFP (14x14)		
Category Integrated Circuits (ICs) Embedded - Microontrollers Package 100-LQFP Series M16C/R32C/100/118 Core Processor R32C/100 Core Size 16/32-Bit Speed SOMHz Connectivity CANbus, EBI/EMI, PC, IEBus, UART/USART Peripherals DMA, LVD, PWM, WDT Number of I/O 84 Program Memory Size 640KB (640K 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 Surface Mount Package / Case 100-LQFP (14x14)	Manufacturer Part Number	R5F64187DFB#UB
Indecded - MicrocontrollersPackage100-LQFPSeriesM16C/R32C/100/118Core ProcessorR32C/100Core Size16/32-BitSpeed50MHzConnectivityCANbus, EBI/EMI, PC, IEBus, UART/USARTPeripheralsDMA, LVD, PWM, WDTNumber of I/O84Program Memory Size640KB (640K x 8)Program Memory TypeFLASHEEPROM Size8K x 8Voltage - Supply (Vcc/Vdd)3V ~ 5.5VData ConvertersA/D 26x10b; D/A 2x8bOscillator TypeInternalOperating Temperature40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case100-LGFP (14x14)	Manufacturer	Renesas Electronics America
Package100-LQFPSeriesM16C/R32C/100/118Core ProcessorR32C/100Core SizeI6/32-BitSpeed50MHzConectivityCANbus, EBI/EMI, PC, IEBus, UART/USARTPeripheralsDMA, LVD, PWM, WDTNumber of I/O84Program Memory Size640KB (640K x 8)FEPROM SizeFLASHRAM Size8K x 8Voltage - Supply (Vcc/Vdd)3V ~ 5.5VData ConvertersAID 26x10b; D/A 2x8bOscillator TypeInternalOperating Temperature40°C ~ 85°C (TA)Mounting TypeI00-LQFPSupplier Device Package100-LFQF (14x14)	Category	Integrated Circuits (ICs)
SeriesM16C/R32C/100/118Core ProcessorR32C/100Core Size16/32-BitSpeed50MHzConnectivityCANbus, EBJ/EMI, PC, IEBus, UART/USARTPeripheralsDMA, LVD, PWM, WDTNumber of I/O84Program Memory Size640KB (640K x 8)Program Memory TypeFLASHEEPROM Size8K x 8Voltage - Supply (Vcc/Vdd)3V ~ 5.5VData ConvertersAD2 6x10b; D/A 2x8bOscillator TypeInternalOperating Temperature40°C ~ 85°C (TA)Mounting Type00-LEQFP (14x14)		Embedded - Microcontrollers
Core ProcessorR32C/100Core Size16/32-BitSpeed50MHzConnectivityCANbus, EBJ/EMI, PC, IEBus, UART/USARTPeripheralsDMA, LVD, PWM, WDTNumber of I/O84Program Memory Size640KB (640K x 8)Program Memory TypeFLASHEEPROM Size8K x 8Voltage - Supply (Vcc/Vdd)3V ~ 5.5VData ConvertersAD26x10b; D/A 2x8bOscillator Type-40°C ~ 85°C (TA)Mounting TypeSurface MountProgram Speece100-LEFPF (14x14)	Package	100-LQFP
Core Size16/32-BitSpeed50MHzConnectivityCANbus, EBJ/EMI, PC, IEBus, UART/USARTPeripheralsDMA, LVD, PWM, WDTNumber of I/O84Program Memory Size640KB (640K x 8)Program Memory TypeFLASHEEPROM Size8K x 8Voltage - Supply (Vcc/Vdd)3V ~ 5.5VData ConvertersAD2 6x10b; D/A 2x8bOperating Temperature440°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case100-LFQFP (14x14)	Series	M16C/R32C/100/118
Speed50MHzConnectivityCANbus, EBI/EMI, IPC, IEBus, UART/USARTPeripheralsDMA, LVD, PWM, WDTNumber of I/O84Program Memory Size640KB (640K x 8)Program Memory TypeFLASHEEPROM Size8K x 8RAM Size48K x 8Voltage - Supply (Vcc/Vdd)3V ~ 5.5VData ConvertersA/D 26x10b; D/A 2x8bOperating Temperature44°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 640KB (640K 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 Size640KB (640K x 8)Program Memory TypeFLASHEEPROM Size8K x 8RAM Size48K 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 640KB (640K x 8) Program Memory Type FLASH EEPROM Size 8K x 8 RAM Size 48K 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 Supplier Device Package 100-LFQFP (14x14)	Connectivity	CANbus, EBI/EMI, I ² C, IEBus, UART/USART
Program Memory Size640KB (640K x 8)Program Memory TypeFLASHEEPROM Size8K x 8RAM Size48K 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)	Peripherals	DMA, LVD, PWM, WDT
Program Memory TypeFLASHEEPROM Size8K x 8RAM Size48K 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 Size48K 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)	Program Memory Size	640KB (640K x 8)
RAM Size48K x 8Voltage - Supply (Vcc/Vd)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	48K 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 error

R5F64187DFB#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 ELARANTEE

Service Guarantees

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

R5F64187DFB#UB Payment Methods





If you have any question about R5F64187DFB#UB, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com