

PIC18LF25K42-I/SS

PIC18LF25K42-I/SS 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.



PIC18LF25K42-I/SS Specifications

| Manufacturer Microchip Technology Microchip Technology Integrated Circuits (ICs) Embedded - Microcontrollers Embedded - Microcontrollers Package 28-SSOP (0.209", 5.30mm Width) Series PIC? XLP? 18K Core Processor PIC Core Size 8-Bit Speed 64MHz Connectivity I2C, LIN, SPI, UART/USART Peripherals Brown-out Detect/Reset, DMA, HLVD, POR, PWM, WDT Number of I/O 25 Program Memory Size 32KB (16K x 16) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters A/D 24x12b, D/A 1x5b Oscillator Type Internal Operating Temperature 40°C ~ 85°C (TA) Mounting Type - Package / Case 28-SSOP (0.209", 5.30mm Width) | | |
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| CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage28-SSOP (0.209", 5.30mm Width)SeriesPIC? XLP? 18KCore ProcessorPICCore Size8-BitSpeed64MHzConnectivity12C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, HLVD, POR, PWM, WDTNumber of I/O25Program Memory Size32KB (16K x 16)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-0°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP | Manufacturer Part Number | PIC18LF25K42-I/SS |
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| Core ProcessorPICCore Size8-BitSpeed64MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, HLVD, POR, PWM, WDTNumber of I/O25Program Memory Size32KB (16K x 16)Program Memory TypeFLASHEEPROM Size256 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersAD 24x12b, D/A 1x5bOscillator Type-Portaning Temperature-Prokage / Case8-SSOP (0.209", 5.30mm Width)Supplier Device Package8-SSOP | Package | 28-SSOP (0.209", 5.30mm Width) |
| Core Size8-BitSpeed64MHzConnectivityIC, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, HLVD, POR, PWM, WDTNumber of I/O25Program Memory Size32KB (16K x 16)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersAD 24x12b, D/A 1x5bOscillator Type-40°C ~ 85°C (TA)Mounting Type-Package / Case8-SSOP (0.209", 5.30mm Width)Supplier Device Package8-SSOP | Series | PIC? XLP? 18K |
| Speed64MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, HLVD, POR, PWM, WDTNumber of I/O25Program Memory Size32KB (16K x 16)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP | Core Processor | PIC |
| Connectivity I2C, LIN, SPI, UART/USART Peripherals Brown-out Detect/Reset, DMA, HLVD, POR, PWM, WDT Number of I/O 25 Program Memory Size 32KB (16K x 16) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 256 x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters A/D 24x12b, D/A 1x5b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Package / Case 28-SSOP (0.209", 5.30mm Width) Supplier Device Package 28-SSOP | Core Size | 8-Bit |
| PeripheralsBrown-out Detect/Reset, DMA, HLVD, POR, PWM, WDTNumber of I/O25Program Memory Size32KB (16K x 16)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 24x12b, D/A 1x5bOscillator Type-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP | Speed | 64MHz |
| Number of I/O25Program Memory Size32KB (16K x 16)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP | Connectivity | I2C, LIN, SPI, UART/USART |
| Program Memory Size32KB (16K x 16)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP | Peripherals | Brown-out Detect/Reset, DMA, HLVD, POR, PWM, WDT |
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| EEPROM Size256 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP | Program Memory Size | 32KB (16K x 16) |
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| Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP | EEPROM Size | 256 x 8 |
| Data ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP | RAM Size | 2K x 8 |
| Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP | Voltage - Supply (Vcc/Vdd) | 1.8 V ~ 3.6 V |
| Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP | Data Converters | A/D 24x12b, D/A 1x5b |
| Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP | Oscillator Type | Internal |
| Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP | Operating Temperature | -40°C ~ 85°C (TA) |
| Supplier Device Package 28-SSOP | Mounting Type | - |
| | Package / Case | 28-SSOP (0.209", 5.30mm Width) |
| Report errors? | Supplier Device Package | 28-SSOP |
| | | Report errors |

PIC18LF25K42-I/SS 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.

DISCOVER

PIC18LF25K42-I/SS Payment Methods



PIC18LF25K42-I/SS Shipping Methods



If you have any question about PIC18LF25K42-I/SS, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com