



P1010NSE5DFA

Manufacturer Part Number	P1010NSE5DFA
Manufacturer	Freescale Semiconductor, Inc. (NXP Semiconductors)
Allelco Part Number	32D-P1010NSE5DFA
ECAD Model	Request Free CAD Models
Parts Description	QORIQ RISC MICROPROCESSOR, POWER
Package	425-FBGA
Data sheet	P1010NSE5DFA.pdf
RoHs Status	ROHS3 Compliant



Get a Quote

P1010NSE5DFA - Freescale Semiconductor.New Original in Stock. Download Linear Technology P1010NSE5DFA datasheet/specifications on AllelcoElec.com.
Request a quote for P1010NSE5DFA, please send us email: info@allelco.com

Specifications

P1010NSE5DFA Tech Specifications
P1010NSE5DFA - Freescale Semiconductor technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Freescale Semiconductor, Inc. (NXP Semiconductors)	Operating Temperature	0°C ~ 105°C (TA)
Voltage - I/O	-	Number of Cores/Bus Width	1 Core, 32-Bit
USB	USB 2.0 + PHY (1)	Mounting Type	Surface Mount
Supplier Device Package	425-TEPBGA I (19x19)	Graphics Acceleration	No
Speed	1.0GHz	Ethernet	10/100/1000Mbps (3)
Series	QorIQ P1	Display & Interface Controllers	-
Security Features	Boot Security, Cryptography, Random Number Generator, Secure Fusebox	Core Processor	PowerPC e500v2
SATA	SATA 3Gbps (2)	Co-Processors/DSP	Security; SEC 4.4
RAM Controllers	DDR3, DDR3L	Base Product Number	P1010
Package / Case	425-FBGA	Additional Interfaces	CAN, DUART, I ² C, MMC/SD, SPI
Package	Bulk		

Parts with Similar Specifications

The three parts on the right have similar specifications to Freescale Semiconductor P1010NSE5DFA

Product Attribute	NO PICTURE			
Part Number	P1010NSE5DFA	P1010NSE5HFA	P1010NSE5HHB	P1010NSE5HHA
Manufacturer	Freescale Semiconductor	NXP USA Inc.	NXP USA Inc.	Freescale Semiconductor
Speed	1.0GHz	1.0GHz	1.0GHz	800MHz
Core Processor	PowerPC e500v2	PowerPC e500v2	PowerPC e500v2	PowerPC e500v2
Graphics Acceleration	No	No	No	No
Series	QorIQ P1	QorIQ P1	QorIQ P1	QorIQ P1
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Ethernet	10/100/1000Mbps (3)	10/100/1000Mbps (3)	10/100/1000Mbps (3)	10/100/1000Mbps (3)
Voltage - I/O	-	-	-	-
Additional Interfaces	CAN, DUART, I ² C, MMC/SD, SPI	CAN, DUART, I ² C, MMC/SD, SPI	CAN, DUART, I ² C, MMC/SD, SPI	CAN, DUART, I ² C, MMC/SD, SPI
Base Product Number	P1010	P1010	P1010	-
Package	Bulk	Tray	Tray	Bulk
Security Features	Boot Security, Cryptography, Random Number Generator, Secure Fusebox	Boot Security, Cryptography, Random Number Generator, Secure Fusebox	Boot Security, Cryptography, Random Number Generator, Secure Fusebox	Boot Security, Cryptography, Random Number Generator, Secure Fusebox
USB	USB 2.0 + PHY (1)	USB 2.0 + PHY (1)	USB 2.0 + PHY (1)	USB 2.0 + PHY (1)
Package / Case	425-FBGA	425-FBGA	425-FBGA	425-FBGA
Operating Temperature	0°C ~ 105°C (TA)	0°C ~ 105°C (TA)	0°C ~ 105°C (TA)	0°C ~ 105°C (TA)
SATA	SATA 3Gbps (2)	SATA 3Gbps (2)	SATA 3Gbps (2)	SATA 3Gbps (2)
Number of Cores/Bus Width	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit
Co-Processors/DSP	Security; SEC 4.4	Security; SEC 4.4	Security; SEC 4.4	Security; SEC 4.4
Display & Interface Controllers	-	-	-	-
RAM Controllers	DDR3, DDR3L	DDR3, DDR3L	DDR3, DDR3L	DDR3, DDR3L
Supplier Device Package	425-TEPBGA I (19x19)	425-TEPBGA I (19x19)	425-TEPBGA I (19x19)	425-TEPBGA I (19x19)

Customers Also Interested in

Recommended Products

P1010NSE5HFA	P1010NSE5HHB	P1010NSE5HHA	P100PH08FM0	P1010NSE5KHA	P1010AT
NXP USA Inc. IC MPU Q OR IQ 1.0GHZ 425TEBGA	NXP USA Inc. IC MPU Q OR IQ 1.0GHZ 425TEBGA	Freescale Semiconductor QORIQ RISC MICROPROCESSOR, 32 BI	WESTCODE IGBT Module	Freescale Semiconductor RISC MPU, 32-BIT, 1000MHZ, CMOS	NIKOS

 P1010NSE5HFB NXP USA Inc. IC MPU Q OR IQ 1.0GHZ 425TEBGA	 P1010AP AMI Semiconductor/onsemi	 P1010NSE5HFA Freescale Semiconductor QORIQ RISC MICROPROCESSOR, POWER	 P101-2D NO PICTURE	 P1010NSE5DFA NXP USA Inc. IC MPU Q OR IQ 1.0GHZ 425TEBGA	 P1010NSE5KHA NXP USA Inc. IC MPU Q OR IQ 1.0GHZ 425TEBGA
 P1010NSE5DF Freescale / NXP Semiconductors	 P1010NSE5KHB NXP USA Inc. IC MPU Q OR IQ 1.0GHZ 425TEBGA	 P100PH08FNO WESTCODE IGBT Module	 P1010NSE5HHA NXP USA Inc. IC MPU Q OR IQ 1.0GHZ 425TEBGA	 P1010NSE5DFB NXP USA Inc. IC MPU Q OR IQ 1.0GHZ 425TEBGA	 P1010058A1PZPR Texas Instruments

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
- > Use our account for the shipment. Refer to the table below for the approximate charges.
(Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

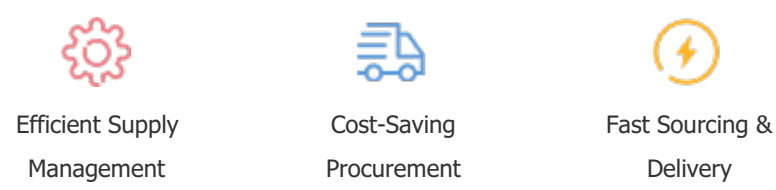
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

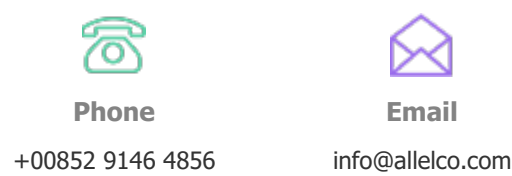
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



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