

NXP Semiconductors / Freescale

SVF312R3K2CKU2

Part Number:	SVF312R3K2CKU2
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MCU 32BIT ROMLESS 176LQFP
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	3774 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

Specifications of SVF312R3K2CKU2

PART NUMBER	SVF312R3K2CKU2
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT ROMLESS 176LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	3774 pcs
DATA SHEET	
VOLTAGE - I/O	3.3V
USB	USB 2.0 OTG + PHY (1)
SUPPLIER DEVICE PACKAGE	176-LQFP-EP (24x24)
SPEED	266MHz
SERIES	Vybrid, VF3xxR
SECURITY FEATURES	ARM TZ, Hashing, RNG, RTC, RTIC, Secure JTAG, SNVS, TZ ASC, TZ WDOG
SATA	-
RAM CONTROLLERS	LPDDR2, DDR3, DRAM
PACKAGING	Bulk
PACKAGE / CASE	176-LQFP Exposed Pad
OTHER NAMES	935344035557
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF CORES/BUS WIDTH	1 Core, 32-Bit
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GRAPHICS ACCELERATION	Yes
ETHERNET	10/100 Mbps (2)
DISPLAY & INTERFACE CONTROLLERS	DCU, GPU, LCD, VideoADC, VIU
DETAILED DESCRIPTION	ARM® Cortex®-A5 Microprocessor IC Vybrid, VF3xxR 1 Core, 32-Bit 266MHz 176-LQFP-EP (24x24)
CORE PROCESSOR	ARM® Cortex®-A5
CO-PROCESSORS/DSP	Multimedia; NEON™ MPE
ADDITIONAL INTERFACES	CAN, I ² C, IrDA, LIN, MediaLB, SCI, SDHC, SPI, UART/USART

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	<p>SVF331R3K1CKU2</p> <p>Manufacturers: NXP Description: IC MCU 32BIT ROMLESS 176LQFP In stock: 4278 pcs</p> <p>RFQ</p>		<p>SVF322R3K2CKU2</p> <p>Manufacturers: NXP Description: IC MCU 32BIT ROMLESS 176LQFP In stock: 4016 pcs</p> <p>RFQ</p>
	<p>SVF-81T-P2.0</p> <p>Manufacturers: JST Description: CONN SOCKET 12 AWG TIN In stock: 1898306 pcs</p> <p>RFQ</p>		<p>SVF-61T-P2.0</p> <p>Manufacturers: JST Description: CONN SOCKET 20-14 AWG TIN In stock: 578957 pcs</p> <p>RFQ</p>
	<p>SVF312R3K1CKU2</p> <p>Manufacturers: NXP Description: IC MCU 32BIT ROMLESS 176LQFP In stock: 4171 pcs</p> <p>RFQ</p>		<p>SVF321R3K1CKU2</p> <p>Manufacturers: NXP Description: IC MCU 32BIT ROMLESS 176LQFP In stock: 3665 pcs</p> <p>RFQ</p>
	<p>SVF16-5,08</p> <p>Manufacturers: Altech Corporation Description: TERM BLOCK PLUG 16POS 5.08MM In stock: 10647 pcs</p> <p>RFQ</p>		<p>SVF331R3K1CKU2R</p> <p>Manufacturers: NXP Description: VYBRID R 32-BIT MPU ARM CORTEX- In stock: 4759 pcs</p> <p>RFQ</p>
	<p>SVF311R3K1CKU2</p> <p>Manufacturers: NXP Description: IC MCU 32BIT ROMLESS 176LQFP In stock: 3727 pcs</p> <p>RFQ</p>		<p>SVF322R3K1CKU2</p> <p>Manufacturers: NXP Description: IC MCU 32BIT ROMLESS 176LQFP In stock: 3629 pcs</p> <p>RFQ</p>