

NXP Semiconductors / Freescale

MCIMX27LVOP4AR2

Part Number:	MCIMX27LVOP4AR2
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX27 400MHZ 404MAPBGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	8531 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MCIMX27LVOP4AR2

PART NUMBER	MCIMX27LVOP4AR2
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX27 400MHZ 404MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	8531 pcs
DATA SHEET	
VOLTAGE - I/O	2.0V, 2.5V, 2.7V, 3.0V
USB	USB 2.0 + PHY (3)
SPEED	400MHz
SERIES	i.MX27
SECURITY FEATURES	Cryptography, Random Number Generator, RTIC, Secure Fusebox, Secure Memory
SATA	-
RAM CONTROLLERS	DDR
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	404-LFBGA
OTHER NAMES	935312302518
OPERATING TEMPERATURE	-20°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 (1)
DISPLAY & INTERFACE CONTROLLERS	Keypad, LCD
DETAILED DESCRIPTION	ARM926EJ-S Microprocessor IC i.MX27 1 Core, 32-Bit 400MHz
CORE PROCESSOR	ARM926EJ-S
CO-PROCESSORS/DSP	Security; SAHARAH2
BASE PART NUMBER	MCIMX27
ADDITIONAL INTERFACES	1-Wire, AC97, I²C, I²S, IDE, MMC/SD, SPI, SSI, UART

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