



NXP Semiconductors / Freescale



SP5746BFK1AVMH6R

Part Number:	SP5746BFK1AVMH6R
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	SINGLE CORE 3M FLASH 384 RAM
Datasheets:	
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of SP5746BFK1AVMH6R

PART NUMBER	SP5746BFK1AVMH6R
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	SINGLE CORE 3M FLASH 384 RAM
LEAD FREE STATUS / ROHS STATUS	
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	3.15 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	100-MAPBGA (11x11)
SPEED	160MHz
SERIES	MPC57xx
RAM SIZE	384K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	3MB (3M x 8)
PERIPHERALS	DMA, I ² S, POR, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	100-LFBGA
OTHER NAMES	935347033518
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	12 Weeks
EEPROM SIZE	64K x 8
DETAILED DESCRIPTION	e200z4 MPC57xx Microcontroller IC 32-Bit 160MHz 3MB (3M x 8) FLASH 100-MAPBGA (11x11)
DATA CONVERTERS	A/D 36x10b, 16x12b
CORE SIZE	32-Bit
CORE PROCESSOR	e200z4
CONNECTIVITY	CANbus, Ethernet, FlexRay, I ² C, LINbus, SPI

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