



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

DSP56F807PY80E

Part Number:	DSP56F807PY80E
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 16BIT 120KB FLASH 160LQFP
Datasheets:	PDF DSP56F807PY80E.pdf
RoHS Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of DSP56F807PY80E

PART NUMBER	DSP56F807PY80E
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 16BIT 120KB FLASH 160LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF DSP56F807PY80E.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	160-LQFP (24x24)
SPEED	80MHz
SERIES	56F8xx
RAM SIZE	4K x 16
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	120KB (60K x 16)
PERIPHERALS	POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	160-LQFP
OTHER NAMES	935323917557
OSCILLATOR TYPE	External
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	32
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	10 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	56800 56F8xx Microcontroller IC 16-Bit 80MHz 120KB (60K x 16) FLASH 160-LQFP (24x24)
DATA CONVERTERS	A/D 16x12b
CORE SIZE	16-Bit
CORE PROCESSOR	56800
CONNECTIVITY	CANbus, EBI/EMI, SCI, SPI
BASE PART NUMBER	DSP56F807

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