



MSP432E401YTPDTR

Part Number:	MSP432E401YTPDTR
Manufacturer/Brand:	N/A
Product description	HIGH-PERFORMANCE ETHERNET ARM MC
Datasheets:	
RoHs Status	Lead free / RoHS Compliant
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 MSP432E401YTPDTR

PART NUMBER	MSP432E401YTPDTR
MANUFACTURER	N/A
DESCRIPTION	HIGH-PERFORMANCE ETHERNET ARM MC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.14 V ~ 3.63 V
SUPPLIER DEVICE PACKAGE	128-TQFP (14x14)
SPEED	120MHz
SERIES	SimpleLink™
RAM SIZE	256K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	1MB (1M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, QEI, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	128-TQFP
OTHER NAMES	296-47509-2
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	90
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	20 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	6K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M4F SimpleLink™ Microcontroller IC 32-Bit 120MHz 1MB (1M x 8) FLASH 128-TQFP (14x14)
DATA CONVERTERS	A/D 20x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4F
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I²C, QSSI, UART/USART, USB OTG

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