



STM32F401CDY6TR

Part Number:	STM32F401CDY6TR
Manufacturer/Brand:	STMicroelectronics
Product description	IC MCU 32BIT 384KB FLASH 49WLCSP
Datasheets:	1.STM32F401CDY6TR.pdf 2.STM32F401CDY6TR.pdf 3.STM32F401CDY6TR.pdf
RoHs Status	Lead free / RoHS Compliant
Stock Condition	29036 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of STM32F401CDY6TR

PART NUMBER	STM32F401CDY6TR
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MCU 32BIT 384KB FLASH 49WLCSP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	29036 pcs
DATA SHEET	1.STM32F401CDY6TR.pdf 2.STM32F401CDY6TR.pdf 3.STM32F401CDY6TR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.7 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	49-WLCSP
SPEED	84MHz
SERIES	STM32F4
RAM SIZE	96K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	384KB (384K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	49-UFBGA, WLCSP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	36
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 STM32F4 Microcontroller IC 32-Bit 84MHz 384KB (384K x 8) FLASH 49-WLCSP
DATA CONVERTERS	A/D 10x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I ² C, IrDA, LINbus, SDIO, SPI, UART/USART, USB OTG

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