







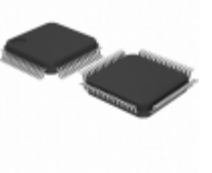

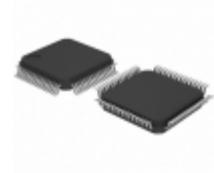


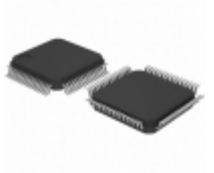
 life.augmented	Manufacturer Part Number: STM32F446MEY6TR
	Manufacturer/Brand: STMicroelectronics
	Part of Description: IC MCU 32BIT 512KB FLASH 81WLCSP
	Datasheets: <ul style="list-style-type: none">  1.STM32F446MEY6TR.pdf  2.STM32F446MEY6TR.pdf  3.STM32F446MEY6TR.pdf  4.STM32F446MEY6TR.pdf
	RoHS Status:  Lead free / RoHS
	Stock Condition: ^{Compliant} New original, 4400 pcs Stock Available.
Ship From: Hong Kong	
Shipment Way: DHL/Fedex/TNT/UPS/EMS	

Specifications

Part Number	STM32F446MEY6TR
Manufacturer	STMicroelectronics
Description	IC MCU 32BIT 512KB FLASH 81WLCSP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	4400 pcs Stock
Series	STM32 F4
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	81-UFBGA, WLCSP
Supplier Device Package	81-WLCSP (3.80x3.69)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, LVD, POR, PWM,
Core Processor	ARM® Cortex®-M4
Speed	180MHz
Number of I/O	63
EEPROM Size	-
RAM Size	128K x 8
Core Size	32-Bit
Connectivity	CAN, EBI/EMI, I ² C, IrDA, LIN, SAI, SD, SPDIF-Rx, SPI,
Program Memory Size	512KB (512K x 8)
Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	1.7 V ~ 3.6 V
Data Converters	A/D 14x12b, D/A 2x12b
Oscillator Type	Internal
Packaging	Tape & Reel (TR)

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| ⊣ AP34063S8L-13-79 | # BCM5461SA1IPFG | D BCM7354RPKFEB3G-P21 | ⇒ C1608Y5V1H104Z | ⇒ C2012X7R1H225M125AC |
| # CGA5H2X7R2A473K115AA | ⊣ CR2L-350S | # DTC114TUA | ↔ EMIF03-S1M02F3 | ⇒ FDC654P-NL |
| D FODM3082R4V_NF098 | # FZ2400R17HP4_B2 | ⊣ GRM0225C1E2R4CA03L | # GRM319R71H223KA01D | ⇒ H11AV2SR2VM |
| ⇒ HY27US08281A-TPIB | ↔ IPD15N03LA | # IRLS3034-7PTRRPBF | ⊣ IXTN36N150 | ⇒ LM3477MM |
| ↔ LT1036CT | ⇒ LTC1255IS8#TRPBF | D LTC1707CS8#TRPBF | # MA2J729L | ⊣ MAX4327EUB+T |
| # MAX4386EESD | D MM74HCT164MX | ⇒ NKT75/16A | ↔ PE42422MLAA-Z | ⇒ PI6C2305-1WI |
| ⊣ PS2652L2-V-E3 | # RS8609-N2LL | ↔ SFH615A-2X016 | ⇒ SI9933CDY-T1-E3 | ⇒ SN74HCT244DW |
| # SP3072EEN-L | ⊣ STW6N100E | # T3159N12TOF | D TG1802-1.2V | ⇒ V24B15C200AL2 |
| ↔ V300C24C150B | # VI-220-08 | ⊣ VLC5045T-3R3N | # XC6221B132MR | ⇒ XR1009IST5X |