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|  life.augmented | Manufacturer Part Number: STM32F437VIT7 |
| | Manufacturer/Brand: STMicroelectronics |
|  Not Actual Photo YIC International Co., Limited. | Part of Description: IC MCU 32BIT 2MB FLASH 100LQFP |
| | Datasheets: <ul style="list-style-type: none">  1.STM32F437VIT7.pdf  2.STM32F437VIT7.pdf  3.STM32F437VIT7.pdf  4.STM32F437VIT7.pdf |
| RoHS Status: |  Lead free / RoHS |
| Stock Condition: | Compliant New original, Stock Available. |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS |
| Image may be representation. See specs for product details. | |

| Specifications | |
|----------------------------|---|
| Part Number | STM32F437VIT7 |
| Manufacturer | STMicroelectronics |
| Description | IC MCU 32BIT 2MB FLASH 100LQFP |
| Category | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status | Require For Quote & Check Stock |
| Series | STM32 F4 |
| Operating Temperature | -40°C ~ 105°C (TA) |
| Package / Case | 100-LQFP |
| Supplier Device Package | 100-LQFP (14x14) |
| Peripherals | Brown-out Detect/Reset, DMA, I ² S, LCD, POR, PWM, |
| Core Processor | ARM® Cortex®-M4 |
| Speed | 168MHz |
| Number of I/O | 82 |
| EEPROM Size | - |
| RAM Size | 256K x 8 |
| Core Size | 32-Bit |
| Connectivity | CAN, EBI/EMI, Ethernet, I ² C, IrDA, LIN, SPI, |
| Program Memory Size | 2MB (2M x 8) |
| Program Memory Type | FLASH |
| Voltage - Supply (Vcc/Vdd) | 1.8 V ~ 3.6 V |
| Data Converters | A/D 16x12b, D/A 2x12b |
| Oscillator Type | Internal |
| Packaging | Tray |

STM32F437VIT7 is New Original in Stock, Search STM32F437VIT7 Datasheets, PDF, Inventory at Y-IC.com Online, Order STM32F437VIT7 STMicroelectronics with warrantied and confidence. RFQ STM32F437VIT7 : Info@Y-IC.com

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| ↳ AQY214EH | # C1005X8R1H221K050BA | D CDCM61004RHB | ⇒ CGA5L2X5R1E335M160AA | ⇒ CL-7745-3CW05-SDW-T |
| # CL10B222KC85PNC | ↳ CS10-15-24 | # DD110F-160 | ↔ DM74ALS162BN | ⇒ EL5146CS |
| D FC150S6R5-5 | # FQP90N10V2 | ↳ GRM21BR72E103KW03L | # HAC4-24U | ⇒ HIP6005ACB-T |
| ⇒ LMC6041IMX | ↔ LNK4023D-TL | # LP3985IBLX-3.1 | ↳ LQH43MN680K02L | ⇒ LT1963EQ-1.8#TRPBF |
| ↔ LT3080EMS8E | ⇒ LT3669EUFD-2#PBF | D LTC1522CS8 | # MAX479CPD | ↳ MAX8530EBTJO-T |
| # MAZ8062G0LS0 | D MBRP400200CT | ⇒ MIC4830YML | ↔ NJM2624D | ⇒ PCM1681PW |
| ↳ SD400C24C | # SI1300BDL-T1-E3 | ↔ SKKL41/12D | ⇒ SM12CXC176 | ⇒ SM268BX0300LT-AA |
| # SN74HC11PWR | ↳ SS1P3-E3/84A | # SST510-T1-E3 | D ST730C12L1 | ⇒ TCFGA1C335M8R |
| ↔ TFSQ0402C0H1C1R1WT | # TMJ107CB7105KAHR | ↳ VI-J50-CX | # VS-1EFU06-M3/I | ⇒ XC6127N31BNR-G |

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