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|  |  life.augmented | Manufacturer Part Number: STM32F437VIT6TR |
| | Manufacturer/Brand: STMicroelectronics | Part of Description: IC MCU 32BIT 2MB FLASH 100LQFP |
| Datasheets:  STM32F437VIT6TR.pdf | RoHS Status:  Lead free / RoHS | Stock Condition: Compliant New original, Stock Available. |
| Ship From: Hong Kong | Shipment Way: DHL/Fedex/TNT/UPS/EMS | |
| <p>Image may be representation. See specs for product details.</p> | | |

Specifications

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|----------------------------|--|
| Part Number | STM32F437VIT6TR |
| 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 ~ 85°C (TA) |
| Package / Case | 100-LQFP |
| 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 | Tape & Reel (TR) |

STM32F437VIT6TR is New Original in Stock, Search STM32F437VIT6TR Datasheets, PDF, Inventory at Y-IC.com Online, Order STM32F437VIT6TR STMicroelectronics with warrantied and confidence. RFQ STM32F437VIT6TR : Info@Y-IC.com

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|  12061C102M4T2A |  1210ZC335KAT2A |  1808AA102MAT1A |  D 1812SC222MAT3A\SB |  2225AA822JAT9A |
|  ACE108433YM |  AFT27S010NT1 |  D AP2105ES5-ADJ |  => APA150-FG144 |  => AX1212ADA |
|  BA033FP-E2 |  - - BCM4330XKUBG-P22 |  # BFP540ESDE6327 |  => BH30PB1WHFV-TR |  => BSL214NH6327 |
|  D C1005X8R1H332M050BE |  # CDC2582PAH |  - - CGB3B3JB0J475M055AB |  # CPF247CL |  => CPH3308-TL-E |
|  => DAC7513N/3KG4 |  => DCR1279SD46 |  # DFLT26A-7 |  - - DMN2300U-7 |  => DSD35-11B |
|  => FDU6N50FTU |  => FJD3305H1TM |  D GRM0336T1E9R3DD01D |  # HGTG11N120CND |  - - IDT70V05S35PF |
|  # IDT74FCT163952CPV |  D LM2759SDX |  => LTV-354T-C |  => MABAES0025 |  => MC33181DR2 |
|  - - MEA2010L201RT000-PF |  # PKA4411PIL |  => REG101NA-5/3KG4 |  => S-93CC46BD-J8T1 |  => SI7252DP-T1-GE3 |
|  # SMCJ85A-TR |  - - SN75189A |  # T1580N30TOF |  D TLK6002ZEU |  => TM100SZ-M-002 |
|  => TMP88PU74YFG |  # TPS3128E18DBVR |  - - TPSMA6.8A |  # TT92N06KOF |  => V23990-K204-A-PM |

Contact us: Info@Y-IC.com

ADD: Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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