



STMicroelectronics

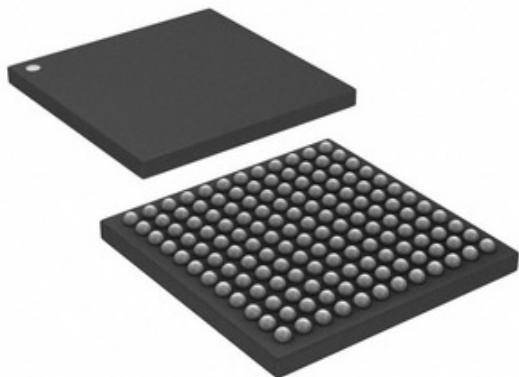


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STM32L4S9ZIY6TR

Part Number:	STM32L4S9ZIY6TR
Manufacturer/Brand:	STMicroelectronics
Product description	ULTRA-LOW-POWER WITH FPU ARM COR
Datasheets:	 STM32L4S9ZIY6TR.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of STM32L4S9ZIY6TR

PART NUMBER	STM32L4S9ZIY6TR
MANUFACTURER	STMicroelectronics
DESCRIPTION	ULTRA-LOW-POWER WITH FPU ARM COR
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 STM32L4S9ZIY6TR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-WLCSP (5.24x5.24)
SPEED	120MHz
SERIES	STM32L4S
RAM SIZE	640K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	2MB (2M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	144-UFBGA
OTHER NAMES	497-17680-2
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	112
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	12 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 STM32L4S Microcontroller IC 32-Bit 120MHz 2MB (2M x 8) FLASH 144-WLCSP (5.24x5.24)
DATA CONVERTERS	A/D 16x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, I²C, IrDA, LINbus, MMC/SD, SAI, SPI, UART/USART, USB OTG

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