

ATSAML22N17A-AUT Datasheet



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DiGi Electronics Part Number	ATSAML22N17A-AUT-DG
Manufacturer	Microchip Technology
Manufacturer Product Number	ATSAML22N17A-AUT
Description	IC MCU 32BIT 128KB FLASH 100TQFP
Detailed Description	ARM® Cortex®-M0+ SAM L22N Microcontroller IC 32-Bit Single-Core 32MHz 128KB (128K x 8) FLASH 100-TQFP (14x14)

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Manufacturer Product Number:

ATSAML22N17A-AUT

Series:

SAM L22N

DiGi-Electronics Programmable:

Not Verified

Core Size:

32-Bit Single-Core

Connectivity:

I2C, SPI, UART/USART, USB

Number of I/O:

82

Program Memory Type:

FLASH

RAM Size:

16K x 8

Data Converters:

A/D 20x12b

Operating Temperature:

-40°C ~ 85°C (TA)

Supplier Device Package:

100-TQFP (14x14)

Base Product Number:

ATSAML22

Manufacturer:

Microchip Technology

Product Status:

Active

Core Processor:

ARM® Cortex®-M0+

Speed:

32MHz

Peripherals:

Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT

Program Memory Size:

128KB (128K x 8)

EEPROM Size:

-

Voltage - Supply (Vcc/Vdd):

1.62V ~ 3.63V

Oscillator Type:

Internal

Mounting Type:

Surface Mount

Package / Case:

100-TQFP

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8542.31.0001

Moisture Sensitivity Level (MSL):

3 (168 Hours)

ECCN:

5A992C

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