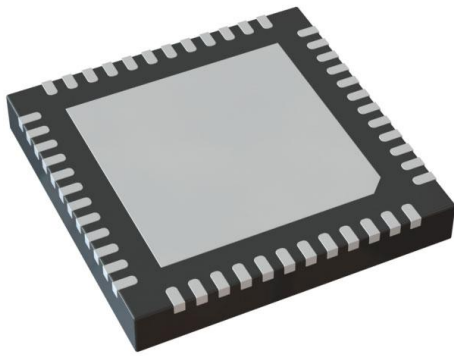


# ATSAML22G17A-MUT Datasheet

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DiGi Electronics Part Number	ATSAML22G17A-MUT-DG
Manufacturer	<a href="#">Microchip Technology</a>
Manufacturer Product Number	ATSAML22G17A-MUT
Description	IC MCU 32BIT 128KB FLASH 48QFN
Detailed Description	ARM® Cortex®-M0+ SAM L22G Microcontroller IC 32-Bit Single-Core 32MHz 128KB (128K x 8) FLASH 48-QFN (7x7)

This model ATSAML22G17A-MUT is available at DiGi Electronics.

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## Purchase and inquiry

**Manufacturer Product Number:**

ATSAML22G17A-MUT

**Series:**

SAM L22G

**DiGi-Electronics Programmable:**

Not Verified

**Core Size:**

32-Bit Single-Core

**Connectivity:**

I2C, SPI, UART/USART, USB

**Number of I/O:**

36

**Program Memory Type:**

FLASH

**RAM Size:**

16K x 8

**Data Converters:**

A/D 10x12b

**Operating Temperature:**

-40°C ~ 85°C (TA)

**Supplier Device Package:**

48-QFN (7x7)

**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:**

48-VFQFN Exposed Pad

## 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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