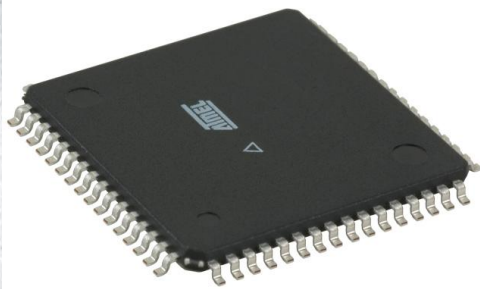


ATMEGA1281-16AUR Datasheet

www.digi-electronics.com



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DiGi Electronics Part Number	ATMEGA1281-16AUR-DG
Manufacturer	Microchip Technology
Manufacturer Product Number	ATMEGA1281-16AUR
Description	IC MCU 8BIT 128KB FLASH 64TQFP
Detailed Description	AVR AVR® ATmega Microcontroller IC 8-Bit 16MHz 128KB (64K x 16) FLASH 64-TQFP (14x14)

This model ATMEGA1281-16AUR is available at DiGi Electronics.

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Purchase and inquiry

Manufacturer Product Number:

ATMEGA1281-16AUR

Series:

AVR® ATmega

DiGi-Electronics Programmable:

Verified

Core Size:

8-Bit

Connectivity:

EBI/EMI, I2C, SPI, UART/USART

Number of I/O:

54

Program Memory Type:

FLASH

RAM Size:

8K x 8

Data Converters:

A/D 8x10b

Operating Temperature:

-40°C ~ 85°C (TA)

Supplier Device Package:

64-TQFP (14x14)

Base Product Number:

ATMEGA1281

Manufacturer:

Microchip Technology

Product Status:

Active

Core Processor:

AVR

Speed:

16MHz

Peripherals:

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

Program Memory Size:

128KB (64K x 16)

EEPROM Size:

4K x 8

Voltage - Supply (Vcc/Vdd):

2.7V ~ 5.5V

Oscillator Type:

Internal

Mounting Type:

Surface Mount

Package / Case:

64-TQFP

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8542.31.0001

Moisture Sensitivity Level (MSL):

3 (168 Hours)

ECCN:

EAR99

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