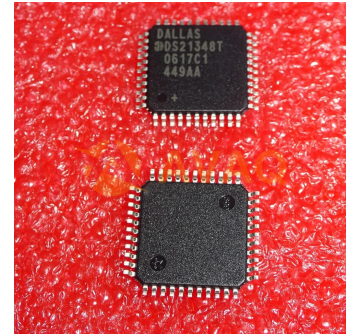


Line Interface Unit 2.048Mbps E1/J1/T1 Short/Long Parallel/Serial 44-Pin TQFP Tray



Images are for reference only

Manufacturer: [Maxim Integrated](#)

Package/Case: TQFP44

Product Type: Drivers

RoHS: RoHS Compliant/Lead free 

Lifecycle: NRND

[Inquiry](#)

General Description

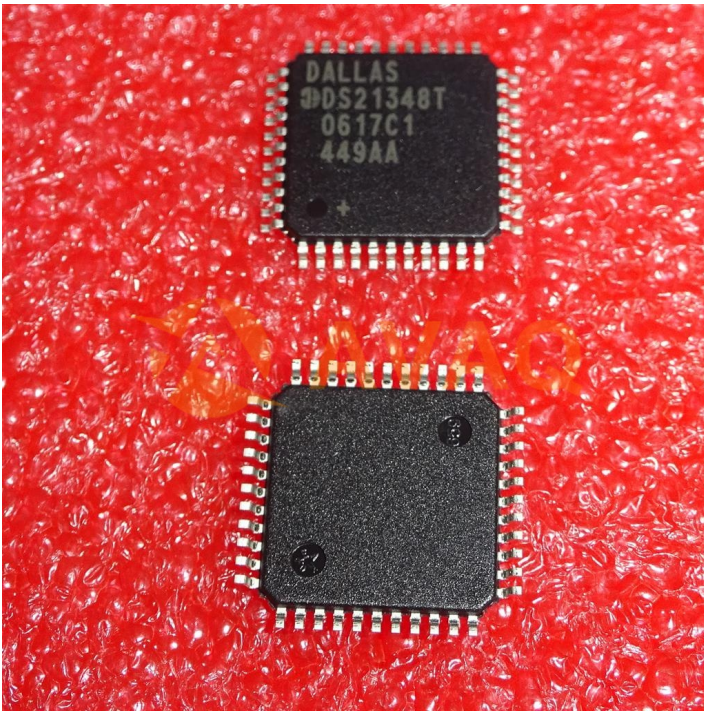
DS21348T+ is a digital signal processor (DSP) manufactured by Maxim Integrated, which is a high-performance, 16-bit fixed-point DSP with a maximum operating frequency of 125 MHz.

Key Features

- 16-bit fixed-point DSP
- Maximum operating frequency of 125 MHz
- 5 Mbits of on-chip SRAM
- 4 Mbits of on-chip program ROM
- 24-bit instruction word
- Four 40-bit accumulators
- 16-bit programmable interrupt controller
- Dual-channel DMA controller
- 8-bit or 16-bit external data bus
- Three serial ports, each supporting SPI, I²S, and McBSP modes
- Programmable PLL for system clock generation

Application

- Audio and video processing
- Voice recognition and synthesis
- Telecommunications
- Data communications
- Image processing
- Industrial automation



Recommended For You

DS21T07E

Maxim Integrated

TSSOP20

DS21455+

Maxim Integrated

BGA

DS2155L

Maxim Integrated

QFP

DS8023-RJX+T&R

Maxim Integrated

TSSOP28

DS21S07AE

Maxim Integrated

TSSOP20

DS2108S

Maxim Integrated

SOP24

DS2482S-800+T&R

Maxim Integrated

SOP-16

DS21352L

Maxim Integrated

QFP

DS21T07S

Maxim Integrated

SOP

DS2482S-100+

Maxim Integrated

SOP8

DS8500-JND+

Maxim Integrated

TQFN-20

DS21348TN+

Maxim Integrated

TQFP44

DS2485Q+T

Maxim Integrated

SMDSMT

DS2118MB

Maxim Integrated

SOP

DS2482S-100+T&R

Maxim Integrated

SOP8