


**Buffer/Line Driver 16-CH Non-Inverting 3-ST CMOS 48-Pin
SSOP Tube**

Manufacturer:	Renesas Technology Corp
Package/Case:	SSOP-48
Product Type:	Drivers
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

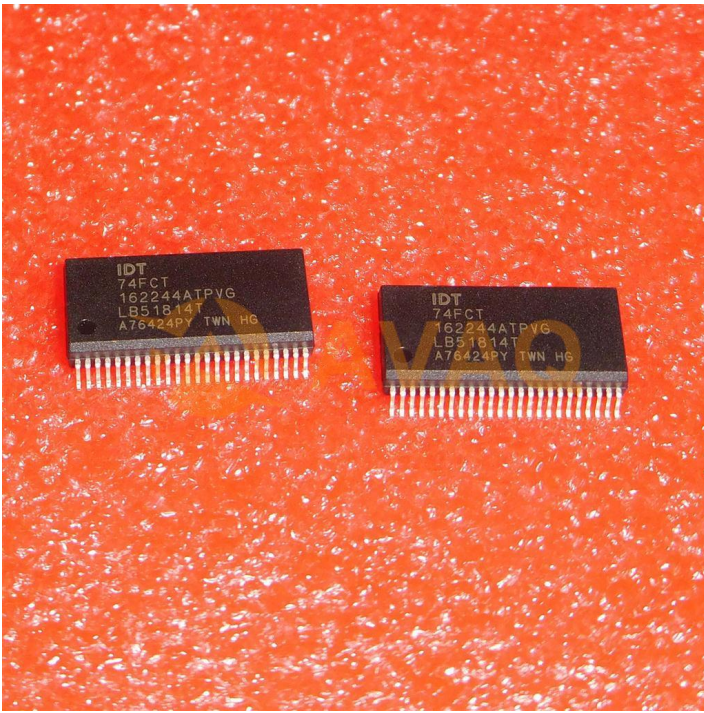
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General Description

The 74FCT162244T 16-Bit high speed, low power Buffer/Line Driver can operate as independent 4-bit, 8-bit or combined 16-bit operation. The 74FCT162244T reduces the need for external series terminating resistors while still providing very high speed operation for loads of less than 200pF. The 74FCT162244T operates at -40C to +85C.(For Mil version, see 54FCT162244T)

Key Features

- A and C speeds
- High-speed, low-power CMOS
- Typical tSK(o) (Output Skew) < 250ps
- Low input and output leakage ? 1 uA (max.)
- ESD > 2000V per MIL-STD-883, Method 3015
- > 200V using machine model = 0)
- Balanced Output Drivers: ±24mA
- Reduced system switching noise
- Typical VOLP (Output Ground Bounce) < 0.6V at = 25C
- Available in 48 pin SSOP and TSSOP packages



Recommended For You

74SSTU32864CBFG8

Renesas Technology Corp

BGA

HD74LS283P

Renesas Technology Corp

DIP

HD74LS83AP

Renesas Technology Corp

DIP16

HD74AC280FPEL

Renesas Technology Corp

SOP

74HC670P-E

Renesas Technology Corp

DIP

74FCT521ATSOG

Renesas Technology Corp

SOIC-20

HD74HC280FP

Renesas Technology Corp

SOP

HD74AC283FPEL

Renesas Technology Corp

SOP-16

74FCT162245ATPVG8

Renesas Technology Corp

SSOP

HD74AC283ARPEL

Renesas Technology Corp

144-LQFP20x20

74FCT162245ATPAG

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TSSOP-48

HD74AC280P

Renesas Technology Corp

DIP14

74HC688P-E

Renesas Technology Corp

DIP

74SSTV16857PAG8

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TSSOP

74FCT521CTQG

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QSOP-20