

DESCRIPTION

The SG55453B/SG55463/SG55473 (SG75453B/SG75463/SG75473) series of dual peripheral Positive-OR drivers are a family of versatile devices designed for use in systems that employ TTL or DTL logic. This family of drivers are direct replacements for the Texas Instruments SN55453B/63/73 (SN75453B/63/73) series. Diode-clamped inputs simplify circuit design.

Typical applications include high-speed logic buffers, power drivers, relay drivers, MOS drivers, line drivers, and memory drivers. The SG55453B/SG55463/SG55473 drivers are characterized for operation over the full military ambient temperature range of -55°C to 125°C and the SG75453B/SG75463/SG75473 drivers are characterized for operation from 0°C to 70°C.

KEY FEATURES

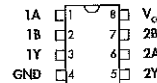
- 300mA OUTPUT CURRENT CAPABILITY
- HIGH-VOLTAGE OUTPUT
- NO OUTPUT LATCH-UP AT 20V
- HIGH SPEED SWITCHING
- TTL OR DTL COMPATIBLE DIODE-CLAMPED INPUTS
- STANDARD SUPPLY VOLTAGE

HIGH RELIABILITY FEATURES

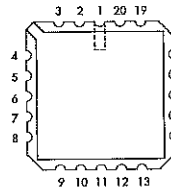
- AVAILABLE TO MIL-STD-883B
- SCHEDULED FOR MIL-M-38510 QPL LISTING
- LINFINITY LEVEL "S" PROCESSING AVAIL.

COMPLETE SPECIFICATIONS AVAILABLE FROM "LIN" FAX SYSTEM
(SEE PAGE 4-1) AND 1990/91 SILICON GENERAL DATABOOK

PACKAGE PIN OUTS



Y PACKAGE
(Top View)



L PACKAGE
(Top View)

PACKAGE ORDER INFORMATION

T _A (°C)	Y	Ceramic DIP 8-pin	L	Ceramic LCC 20-pin
	0 to 70		SG75453BY	
		SG75463Y		—
		SG75473Y		—
-55 to 125		SG55453BY		SG55453BL
		SG55463Y		SG55463L
		SG55473Y		SG55473L
MIL-STD-883		SG55453BY/883B		SG55453BL/883B
		SG55463Y/883B		SG55463L/883B
		SG55473Y/883B		SG55473L/883B

FOR FURTHER INFORMATION CALL (714) 898-8121

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