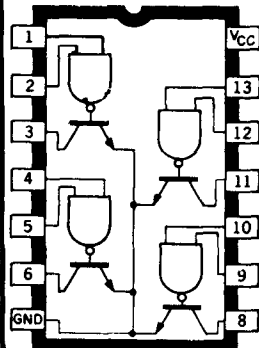


SERIES 400 AND 500 POWER DRIVERS

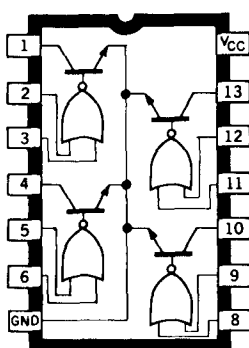
- Monolithic interface circuits incorporating logic gates and high-current switching transistors on the same chip.
- Ideally suited for driving incandescent lamps, relays, solenoids, and other interface devices up to 1A output current per package.
- Inputs compatible with DTL/TTL
- Pinning compatible with 54/74 networks
- 500 mA output sink current capability
- High sustaining voltage output capability per driver
 - Series 400/ 40 Volts min.
 - Series 400-1: 70 Volts min.
 - Series 500: 100 Volts min.
- Circuits 03, 06, 07, and 33 have transient protected outputs
- Operating temperature range: for hermetically-sealed packages, -55°C to $+125^{\circ}\text{C}$; for plastic package, 0°C to $+70^{\circ}\text{C}$
- Three package configurations:
 - UHP = Plastic (14-pin) Dual In-Line A
 - UHD = Hermetic (14-pin) Dual In-Line H
 - UHC = Hermetic (14-pin) Flat-Pack J avail. on request
- Hermetically-Sealed Packages to MIL-M-38510
- High-Reliability Screening to MIL-STD-883, Class B

QUAD 2-INPUT AND



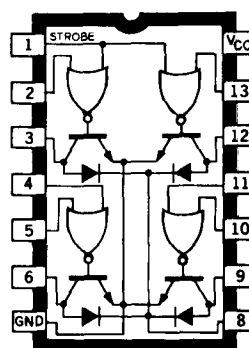
UHD/UHP-400
UHD/UHP-400-1
UHD/UHP-500
UHD-400MIL
UHD-400-1MIL
UHD-500MIL

QUAD 2-INPUT OR



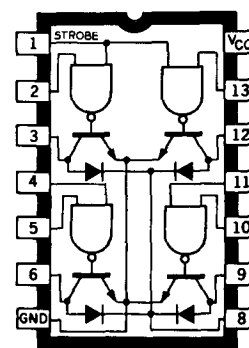
UHD/UHP-402
UHD/UHP-402-1
UHD/UHP-502
UHD-402MIL
UHD-402-1MIL
UHD-502MIL

QUAD OR



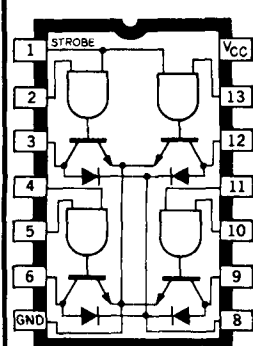
UHD/UHP-403
UHD/UHP-403-1
UHD/UHP-503
UHD-403MIL
UHD-403-1MIL
UHD-503MIL

QUAD AND



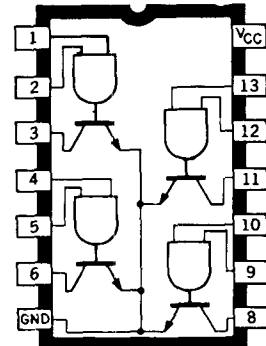
UHD/UHP-406
UHD/UHP-406-1
UHD/UHP-506
UHD-406MIL
UHD-406-1MIL
UHD-506MIL

QUAD NAND



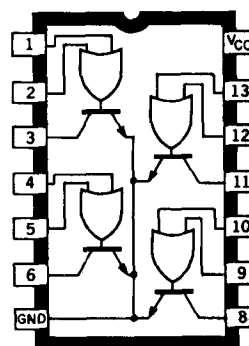
UHD/UHP-407
UHD/UHP-407-1
UHD/UHP-507
UHD-407MIL
UHD-407-1 MIL
UHD-507MIL

QUAD 2-INPUT NAND



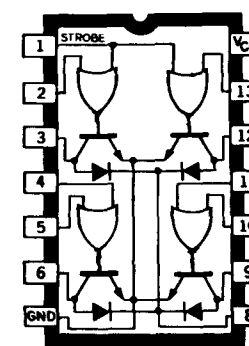
UHD/UHP-408
UHD/UHP-408-1
UHD/UHP-508
UHD-408MIL
UHD-408-1MIL
UHD-508MIL

QUAD 2-INPUT NOR



UHD/UHP-432
UHD/UHP-432-1
UHD/UHP-532
UHD-432MIL
UHD-432-1MIL
UHD-532 MIL

QUAD NOR



UHD/UHP-433
UHD/UHP-433-1
UHD/UHP-533
UHD-433MIL
UHD-433-1MIL
UHD-533MIL

NOTE: Pin-out for the hermetic flat-pack is given in Engineering Bulletin No. 29300.1.