

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Visit our website - *Click HERE*

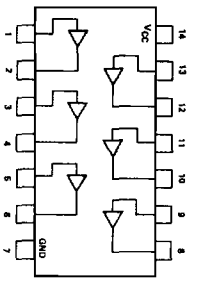
HEX BUFFER/DRIVER — 54/7407

SPEED/PACKAGE AVAILABILITY

54 F,W 74 A,F

PIN CONFIGURATION

A,F,W PACKAGE



SWITCHING CHARACTERISTICS V_{CC}= 5V, T_A = 25°C

TEST CONDITIONS	54/74 C_L=15pF R_L=110Ω			UNIT
PARAMETER	MIN	TYP	MAX	
Propagation delay time t_{PLH} Low-to-high		6	10	ns
t_{PHL} High-to-low		20	30	ns

Load circuit and typical waveforms are shown at the front of section.

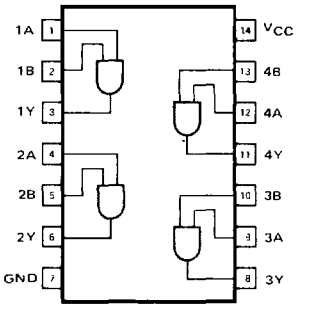
QUAD 2-INPUT AND GATE — 54/7408

SPEED/PACKAGE AVAILABILITY

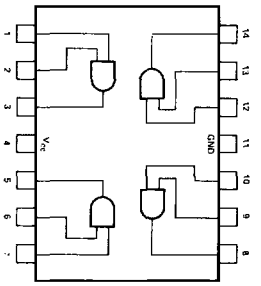
54	F,W	74	A,F
54H	F,W	74H	A,F
54LS	F,W	74LS	A,F
54S	F,W	74S	A,F

PIN CONFIGURATION

54/74,74H,54/74LS, 54/74S
A,F,W PACKAGE



54H
W PACKAGE



SWITCHING CHARACTERISTICS V_{CC}= 5V, T_A = 25°C

TEST CONDITIONS	54/74 C_L=15pF R_L=400Ω			54/74H C_L=25pF R_L=280Ω			54/74LS C_L=15pF R_L=2kΩ			54/74S C_L=15pF R_L=280Ω			UNIT
PARAMETER	MIN	TYP	MAX	MIN	TYP	MAX	MIN	TYP	MAX	MIN	TYP	MAX	
Propagation delay time t_{PLH} Low-to-high		17.5	27		7.6	12		8.5	15		4.5 (C_L=50pF: 6)	7	ns
t_{PHL} High-to-low		12	19		8.8	12		8	20		5 (C_L=50pF: 7.5)	7.5	ns

Load circuit and typical waveforms are shown at the front of section.

LOGIC

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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