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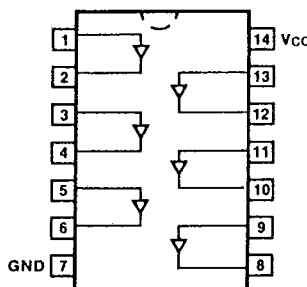
T-43-15

54/7417

HEX BUFFER/DRIVER

(With Open-Collector High-Voltage Output)

CONNECTION DIAGRAM PINOUT A



ORDERING CODE: See Section 9

PKGS	PIN OUT	COMMERCIAL GRADE	MILITARY GRADE	PKG TYPE
		V _{CC} = +5.0 V ±5%, T _A = 0° C to +70° C	V _{CC} = +5.0 V ±10%, T _A = -55° C to +125° C	
Plastic DIP (P)	A	7417PC		9A
Ceramic DIP (D)	A	7417DC	5417DM	6A
Flatpak (F)	A	7417FC	5417FM	3I

INPUT LOADING/FAN-OUT: See Section 3 for U.L. definitions

PINS	54/74 (U.L.) HIGH/LOW
Inputs	1.0/1.0
Outputs	OC**/10

DC AND AC CHARACTERISTICS: See Section 3*

SYMBOL	PARAMETER	54/74		UNITS	CONDITIONS
		Min	Max		
VOL	Output LOW Voltage	XC	0.7	V	V _{CC} = Min V _{IN} = V _{IL}
		XM	0.7		
		XC, XM	0.4		
IOH	Output HIGH Current		0.25	mA	V _{OH} = 15 V, V _{CC} = Min, V _{IN} = V _{IH}
ICCH	Power Supply Current		41	mA	V _{CC} = Max
ICCL			30		
tPLH	Propagation Delay		10	ns	Figs. 3-2, 3-5
tPHL			30		

*DC limits apply over operating temperature range; AC limits apply at T_A = +25° C and V_{CC} = +5.0 V.

**OC—Open Collector