

8T SERIES INTERFACE

GENERAL DESCRIPTION

The Digital 8T Series is a Standard TTL compatible family of interface circuits that is used in applications such as line driving and receiving, Tri-State Buses, "Party Line" Bus systems driving of LED's and Displays, MOS Interface, as well as in a variety of timing circuits and special purpose buffer gates. Further detailed applications literature is available.

MAXIMUM RATINGS

Input Voltage	+5.5V
Output Voltage	+7.0V
VCC	+7.0V

REFERENCE TABLE

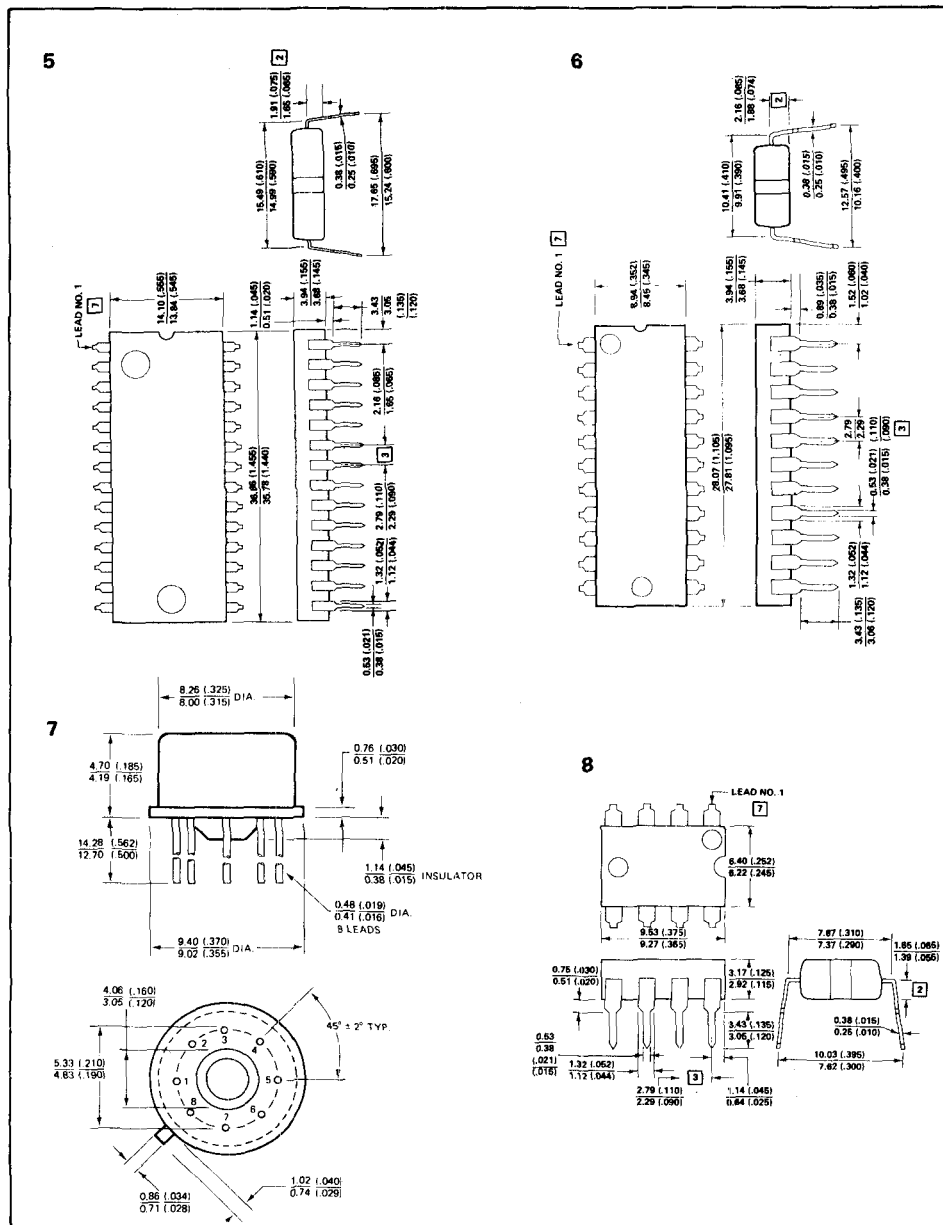
TYPE NO.	DESCRIPTION	STOCK NO.	OUTLINE DRWG. NO.	CONNECTION DIAG. NO.
N8T04N	7-Segment Decoder Display Driver (Active-Low Outputs)	55776E	1	B256
N8T05N	7-Segment Decoder Display Driver (Active-Hi Outputs)	55777C	2	B257
N8T06N	7-Segment Decoder Display Driver (Active-Low Outputs)	55778A	2	B258
N8T09N	Quad Bus Driver with Three-State Outputs	55779X	1	B259
N8T10N	Quad D-Type Bus Latch (Three-State)	55780B	2	B260
N8T13N	Dual Line Driver	55781X	2	B261
N8T14N	Triple Line Receiver/Schmitt Trigger	55782R	2	B262
N8T15N	Dual Communications EIA/MIL Line Driver	55783G	1	B263
N8T16N	Dual Communications EIA/MIL Line Receiver	55784E	1	B264
N8T18N	Dual 2-Input NAND Gate	55785C	1	B265
N8T20N	Bidirectional Monostable Multivibrator (Diff. Input)	55786A	2	B266
N8T22N	Retriggerable Monostable Multivibrator (74122/9601)	55787X	1	B267
N8T23N	Dual Line Driver for IBM 360/370 Interface (75123)	55788H	2	B268
N8T24N	Triple Line Receiver for IBM 360/370 Interface (75124)	55789F	2	B269
N8T25N	Dual MOS Sense Amplifier with Latch (Three-State Outputs)	55790R		
N8T26 (8820) N	Quad Bus Driver/Receiver (Three-State Outputs)	55791G	2	B270
N8T28N	Quad Non-Inverting Bus Driver/Receiver (Three-State Outputs)	55792E	2	B271
N8T30N	Dual TTL/DTL to MOS Transceiver/Port controller	55793C	1	B272
N8T31N	8-Bit Bidirectional I/O Port	55794A	3	B273
N8T34N	Quad Bus Transceiver (DM8834)	55795X	2	B274
N8T37N	Hex Bus Receiver with Hysteresis—Schmitt Trigger (DM8637)	55796H	2	B275
N8T38N	Quad Bus Transceiver (Open Collector) (DM88380)	55797F	2	B276
N8T80N	Quad 2-Input NAND Gate (High Voltage)	55798D	1	B277
N8T90N	Hex Inverter (High Voltage)	55799B	1	B278
N8T95N	High Speed Hex Buffers/Inverters (74365/DM8095)	55800D	2	B279
N8T96N	High Speed Hex Buffers/Inverters (74366/DM8096)	55801B	2	B280
N8T97N	High Speed Hex Buffers/Inverters (74367/DM8097)	55802X	2	B281
N8T98N	High Speed Hex Buffers/Inverters (74368/DM8088)	55803R	2	B282
N8T363N	Dual Zero Crossing Detector	55804G	1	B283
N8T380N	Quad Bus Receiver with Hysteresis	55805E	1	B284

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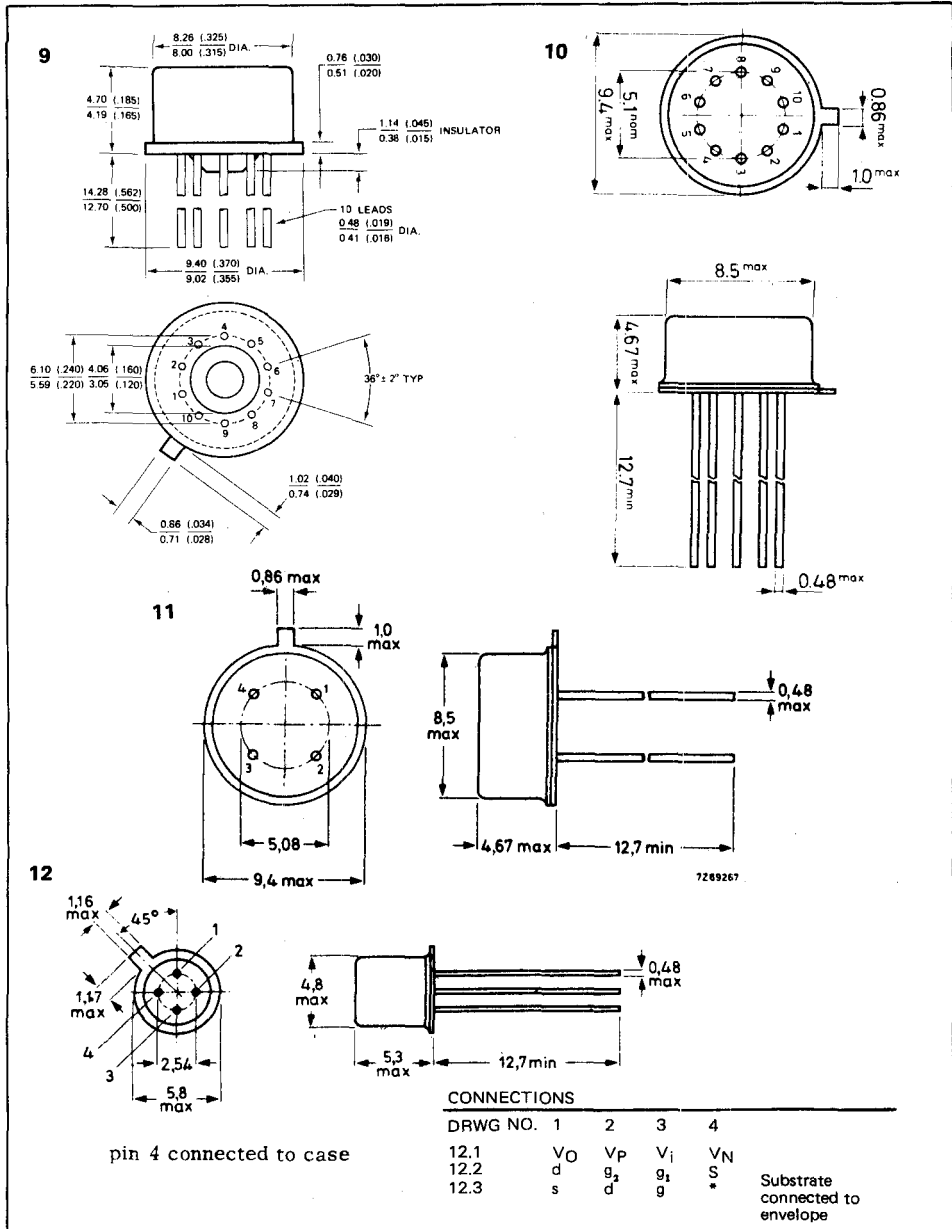
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Outline Drawings



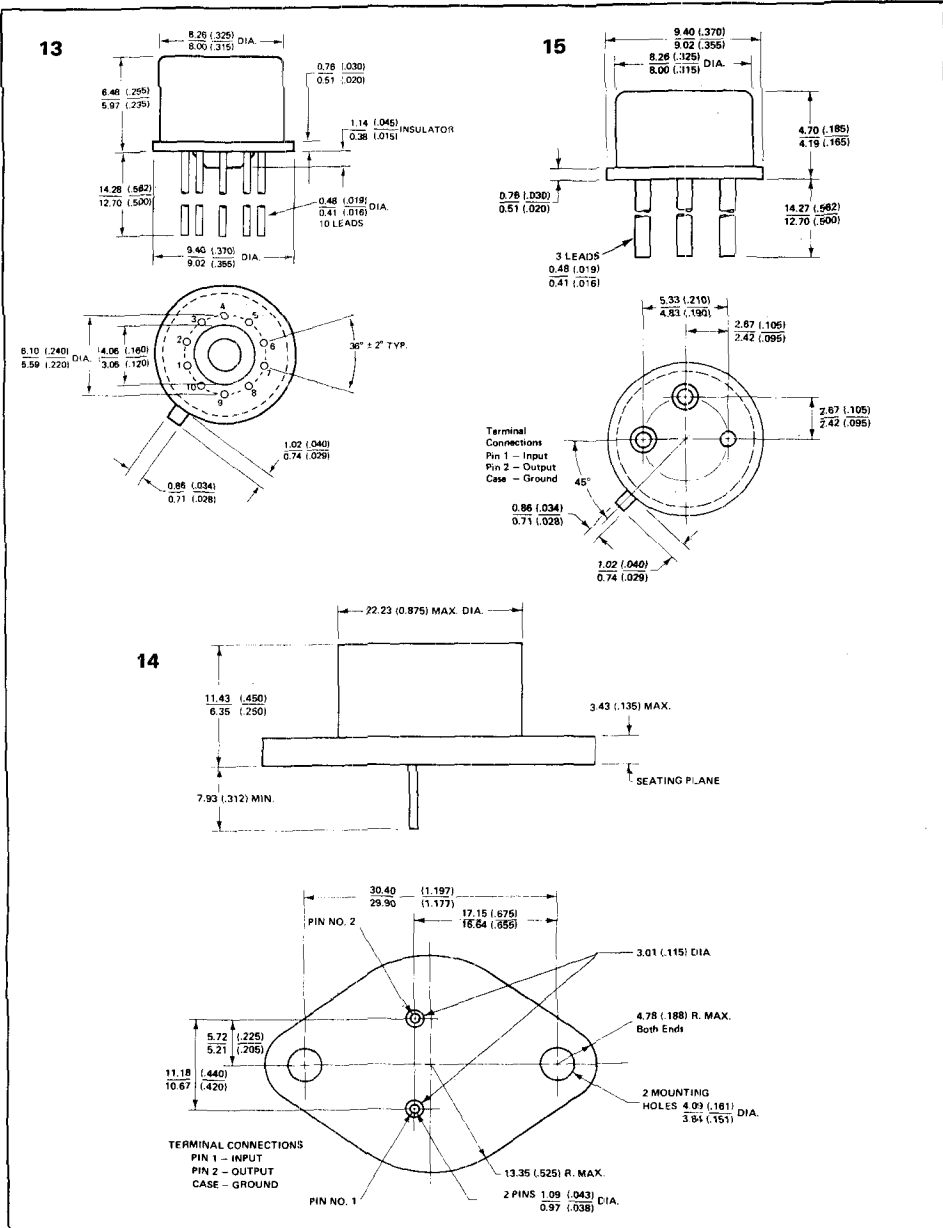
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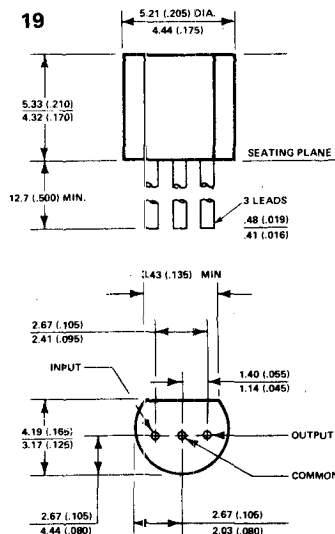
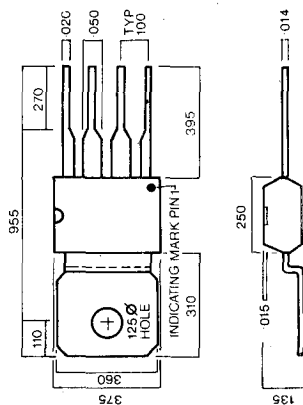
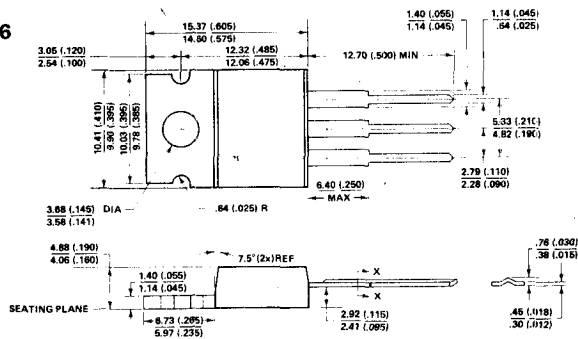
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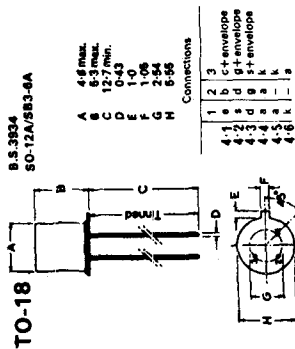
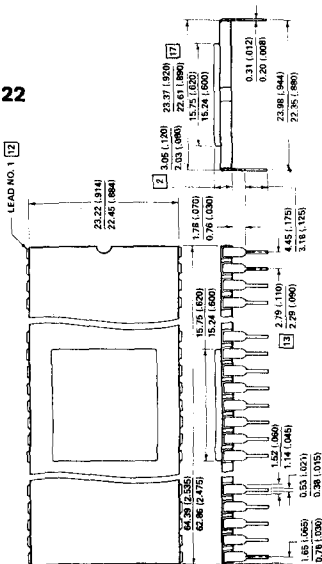
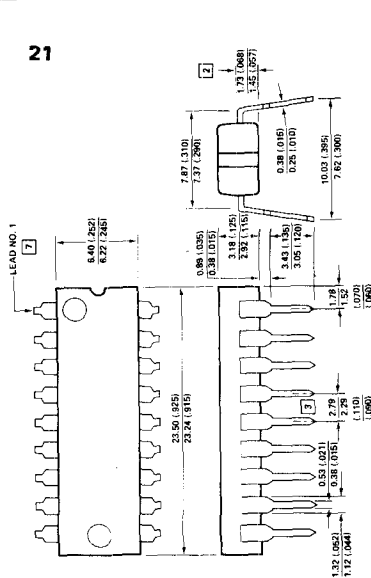
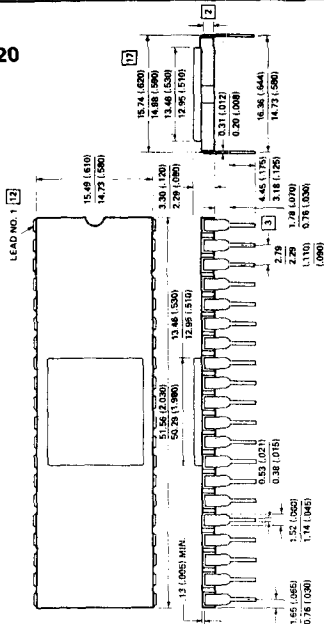
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B.S. 3934
E.O. 12812/SB3-9A

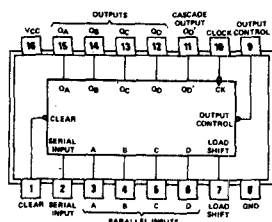
TO-18

A	4.8 max.
B	5.3 max.
C	12.7 min.
D	0.43
E	1.0
F	1.06
G	2.54
H	5.55

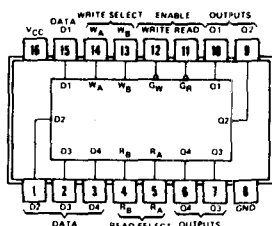
	1	2	3	Connections
4.1	e	b	c+env	
4.2	s	d	g+env	
4.3	d	g	s+env	
4.4	a	a	k	
4.5	a	-	k	
4.6	k	-	a	



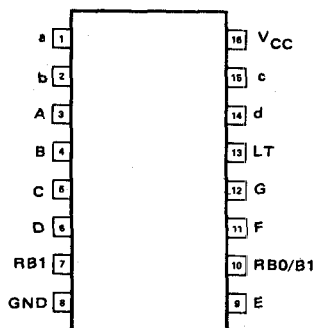
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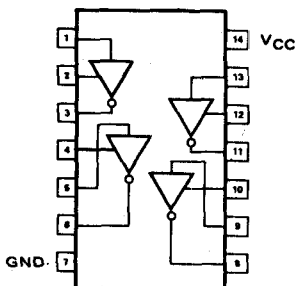
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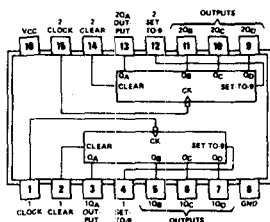
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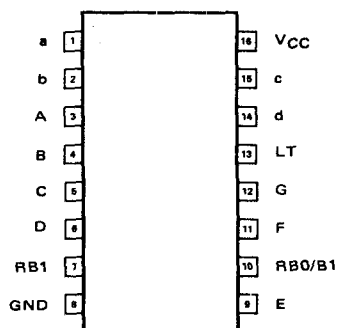
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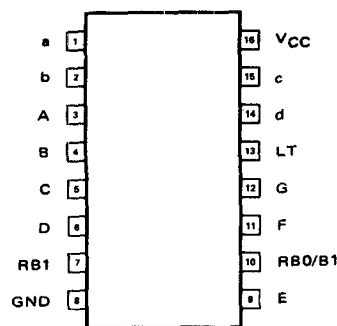
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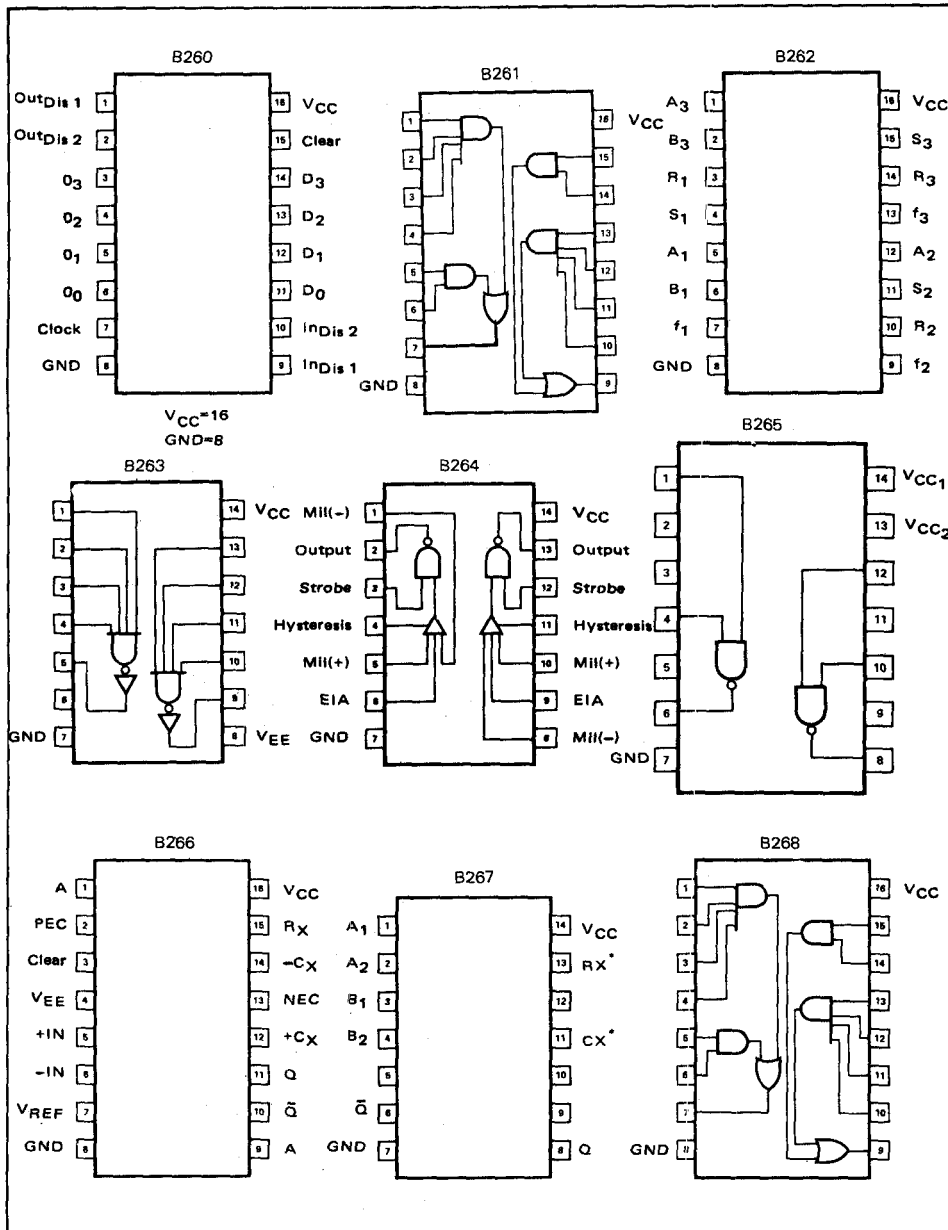


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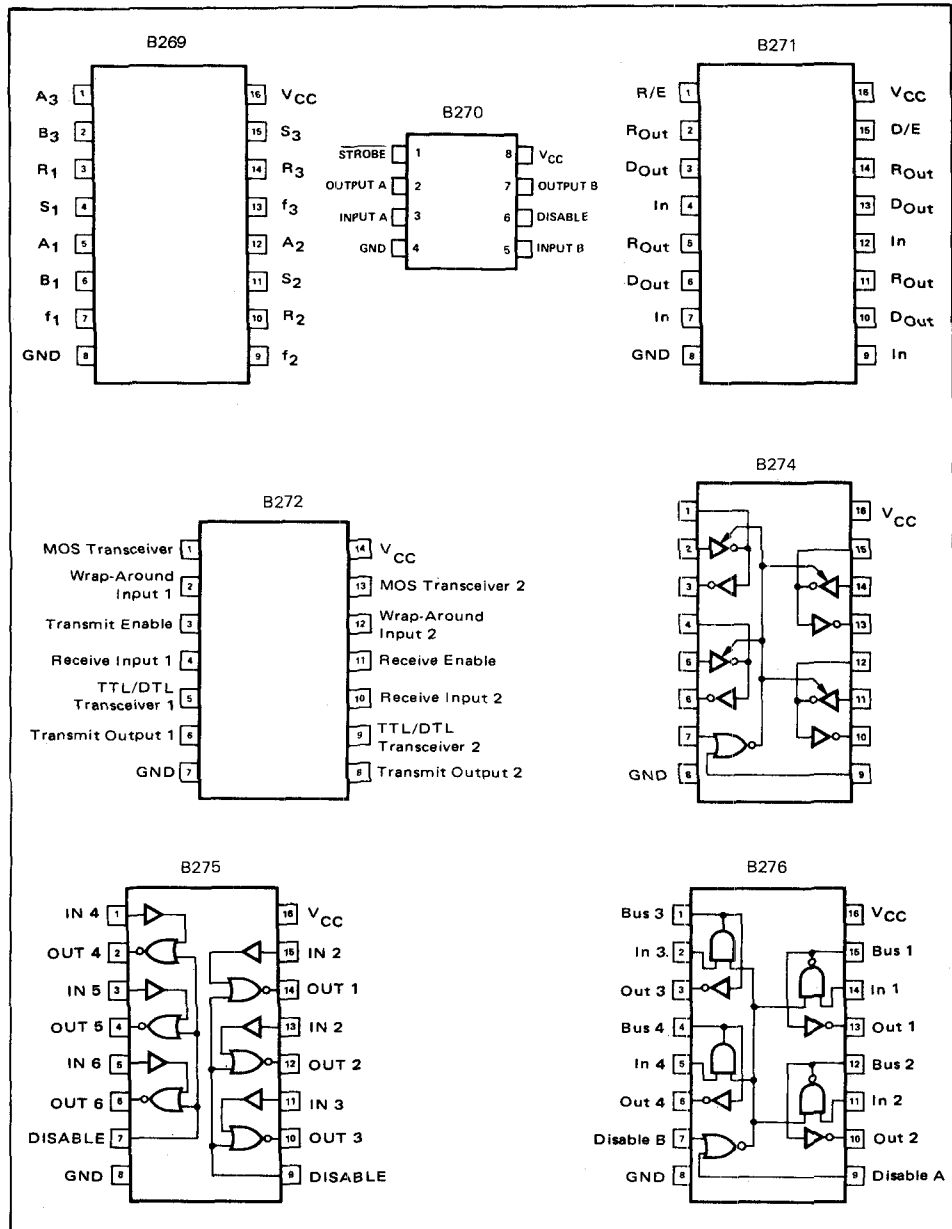
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Connection Diagram



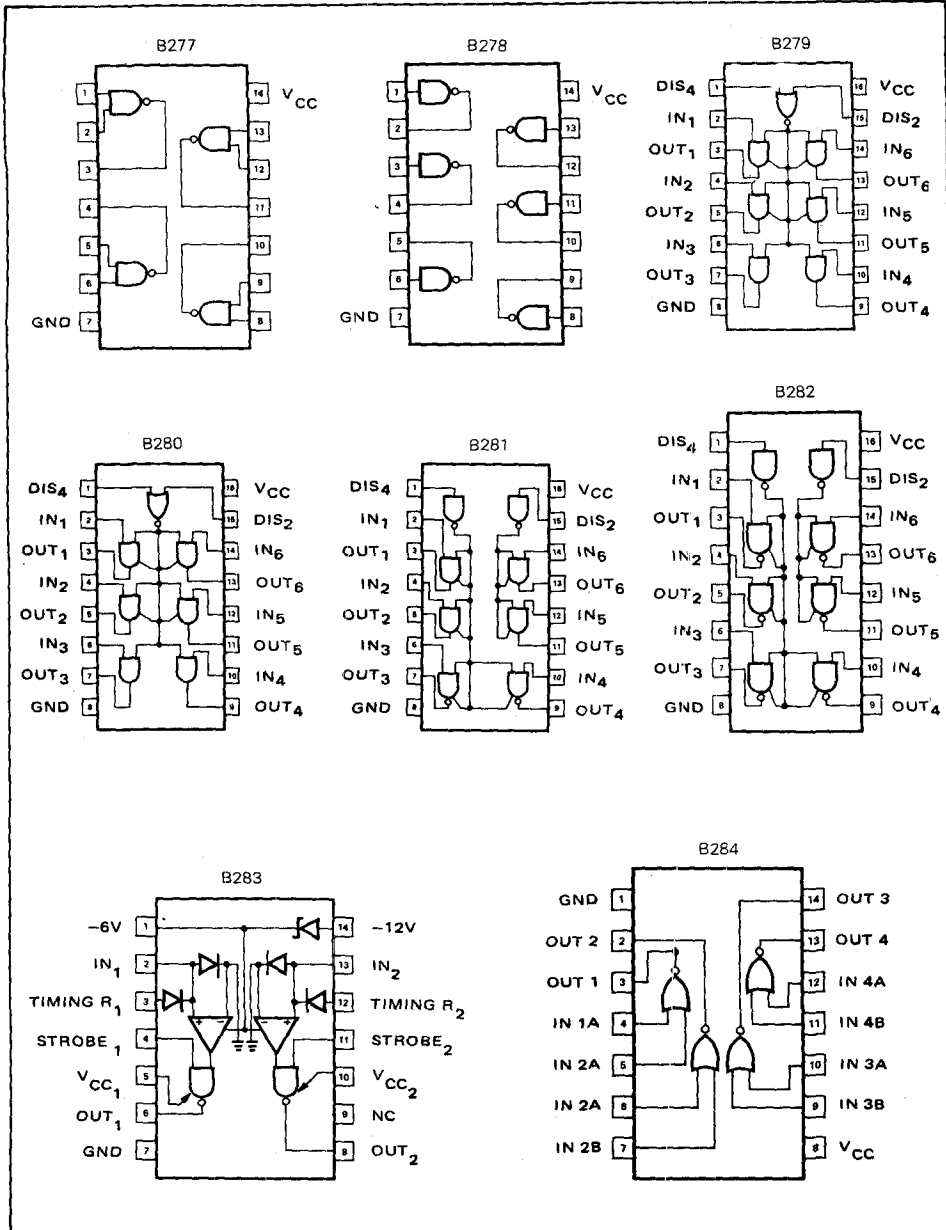
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Connection Diagram



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