

**SIGNETICS INTEGRATED CIRCUITS**  
**TTL Interface 8T00 Series**

<b>Rating</b>	<b>Value</b>	<b>Unit</b>
Input Voltage - $V_{in}$	+5.5	V
Output Voltage - $V_{out}$	+7.0	V
Storage Temperature - $T_{stg}$	-65 to +175	°C
Operating Temperature - $T_A$	-55 to +125	°C

<b>Function</b>	<b>Type/Pkg</b>	<b>Power Consumption (mW)</b>
7-Segment Decoder/Driver	8T04/E,F	394
7-Segment Decoder/ Transistor Driver	8T05/E,F	394
7-Segment Decoder/ Display Driver	8T06/E,F	394
Quad Bus Driver	8T09/C,D	340
Quad D Type Bus Flip-Flop	8T10/E,F	—
Dual Line Driver	8T13/E,F	315
Triple Line Receiver with Hysteresis	8T14/E,F	380
Dual Communications EIA/MIL Line Driver	8T15/C,D	275
MIL Line Receiver with Hysteresis	8T16/C,D	75
Dual 2-Input NAND Interface Gate	8T18/C,D	44
Bidirectional Monostable Multivibrator	8T20/E,F	289
Dual Line Driver	8T23/E,F	315
Triple Line Receiver with Hysteresis	8T24/E,F	380
Tri-State Quad Bus Transceiver	8T26/E,F	457
3-State Quad Bus Transceiver	8T26A/E,F	—
3-State Quad Bus Transceiver	8T28/E,F	—
8-Bit Latched Bidirectional I/O Port	8T31/J,K	150
8-Bit Latched Addressable Bidirectional I/O Port	8T32/J,K	—
8-Bit Latched Addressable Bidirectional I/O Port	8T33/J,K	—

<b>Function</b>	<b>Type/Pkg</b>	<b>Power Consumption (mW)</b>
Quad Bus Transceiver with 3-State Outputs	8T34/E,F	—
8-Bit Latched Addressable Bidirectional I/O Port	8T35/J,K	—
Tri-State, Asynchronous User Port	8T36/J,K	—
Hex Bus Receiver with Hysteresis-Schmitt Trigger	8T37/E,F	—
Quad Bus Transceiver (O.C.)	8T38/E,F	—
Quad 2-Input NAND Interface Gate	8T80/C,D	20
Hex Inverter Interface Element	8T90/C,D	—
High-Speed Hex 3-State Buffer	8T95/E,F	—
High-Speed Hex 3-State Inverter	8T96/E,F	295
High-Speed Hex 3-State Buffer	8T97/E,F	—
High-Speed Hex 3-State Inverter	8T98/E,F	—
Octal 3-State Transceiver	8T125/R	—
Quad 3-State Transceiver	8T126/E,F	—
Quad 3-State Transceiver	8T129/E,F	—
Octal Transceiver	8T245/R	—
Quad Bus Receiver	8T380/C,D	210
6-Bit Latch	8T3404/E,F	—