

SIGNETICS INTEGRATED CIRCUITS
TTL 8800 Series

Rating	Value	Unit
Supply Voltage - V_{CC}	+6.0	V
Input Voltage - V_{in}	+6.0	V
Output Voltage - V_{out}	+6.0	V
Operating Temperature - T_A	-55 to +125	°C

Function	Type/Pkg	Turn-On Delay (max/ns)	Fan-Out	Power Consumption (avg/gate/mW)
Dual 4-Input Expander Element	8806/C,D	20	—	8
Single 8-Input NAND Gate	8808/C,D	13	20	20
Dual 4-Input NOR Gate	8815/C,D	13	20	43
Dual 4-Input NAND Gate	8816/C,D	13	20	19
Quad 2-Input AND Buffer	8819/C,D	—	—	—
Dual Master-Slave J-K Binary	8821/C,D	50	20	72
Dual Master-Slave J-K Binary	8822/C,D	50	20	72
Dual Master-Slave J-K Binary	8824/E	50	20	72
DC Clocked J-K Binary	8825/C,D	50	20	132
Dual J-K Binary	8826/C,D	35	10	64
Dual High-Speed J-K Binary	8827/C,D	35	10	64
Dual D Binary	8828/C,D	50	20	—
Single-Phase AND Input J-K Binary	8829/C,D	50	20	132
Dual Expandable AND-OR-INVERT Gate	8840/C,D	13	20	37
Expandable AND-OR-INVERT Gate	8848/C,D	13	20	48
Dual 4-Input Driver	8855/C,D	15	60	36
Hex Driver	8859/C,D	—	—	—
Triple 3-Input NAND Gate	8870/C,D	13	20	31
Triple 3-Input NOR Gate	8875/C,D	13	20	43
9-Digit Decoder/Driver	8879/C,D	—	—	—
Quad 2-Input NAND Gate	8880/C,D	13	20	31
Quad 2-Input NAND Gate	8881/C,D	20	20	31
Quad 2-Input NOR Gate	8885/C,D	13	20	37
8-Segment Driver	8889/C,D	—	—	—