

EET201 / EET205 / EET212 Data Sheets

PART	DESCRIPTION
<u>2n3904</u>	NPN General Purpose Amplifier
<u>ADC0801</u>	8-Bit μ P Compatible A/D Converter
<u>LM135</u>	Precision Temperature Sensors
<u>PN 1124</u>	Phidgets temperature sensor board
<u>4N28</u>	Optocoupler
<u>MDPXX</u>	Resistor Networks, Dual-In-Line, Molded DIP
<u>SA56</u>	Single digit numeric display (3/4 inch)
<u>3161BS</u>	Single digit numeric display (3/8 inch)
<u>SCL4543B</u>	BCD-To-Seven Segment latch / decoder / driver
<u>MAX6373</u>	Maxim programmable watchdog chip
<u>TIP120</u>	NPN Power Transistor
<u>TIP125</u>	PNP Power Transistor
<u>24AA025T</u>	I ² C Memory Chip
<u>7400</u>	Quad 2-Input NAND
<u>7401</u>	Quad 2-input NAND with Open-Collector Outputs
<u>7402</u>	Quad 2-input NOR
<u>7403</u>	Quad 2-input NAND with Open-Collector Outputs
<u>7404</u>	Hex 1-input NOT (INVERTER)
<u>7405</u>	Hex 1-input NOT (INVERTER) with Open Collector Outputs
<u>7406</u>	Hex BUFFER with Open-Collector High-Voltage Outputs
<u>7408</u>	Quad 2-input AND
<u>7410</u>	Triple 3-input NAND
<u>7411</u>	Triple 3-input AND
<u>7413</u>	Dual 4-input NAND Schmitt Triggers
<u>7414</u>	Hex INVERTER Schmitt Triggers
<u>7420</u>	Dual 4-input NAND
<u>7430</u>	8-input NAND
<u>7432</u>	Quad 2-input OR
<u>7440</u>	Dual 4-input NAND buffer
<u>7442</u>	BCD to Decimal DECODER
<u>7447</u>	BCD to 7-Segment DECODER/DRIVER
<u>7451</u>	Dual 2-Wide, 2-input AND-OR-INVERT

7455	2-Wide, 4-input AND-OR-INVERT
7474	Dual D Positive-Edge-Triggered FLIP-FLOP with Preset and Clear
7475	Quad LATCH
7476	Dual J-K FLIP FLOP with Preset and Clear
7482	2- bit Binary ADDER with Carry
7483	4-bit Binary ADDER with Fast Carry
7485	4-bit Magnitude COMPARATOR
7486	Quad 2-input XOR
7489	64-bit Read/Write MEMORY
7490	Decade COUNTER
7491	8-bit Serial SHIFT REGISTER
7493	4-bit Binary COUNTER
7495	4-bit Right/Left SHIFT REGISTER
74121	Non-Retriggerable Monostable MULTIVIBRATOR
74122	Retriggerable Monostable MULTIVIBRATOR
74123	Dual Retriggerable Monostable MULTIVIBRATOR
74125	Quat TRI-STATE BUFFER
74132	Quad 2-input Schmitt Trigger NAND
74138	3-to-8 Line DECODER/DEMULTIPLEXER
74147	Priority ENCODER
74148	Priority ENCODER
74151	1-of-8 Line DECODER/DEMULTIPLEXER
74153	Dual 1-of-4 Line Data Selector/ MULTIPLEXER
74155	Dual 2-Line to 4-Line DECODER/DEMULTIPLEXER
74157	Quad 2-to-1 Line Data Selector/ MULTIPLEXER
74162	Synchronous Presettable BCD Decade COUNTER
74163	Synchronous 4-bit Binary COUNTER with Synchronous Clear
74164	8-bit Serial In/Parallel Out SHIFT REGISTER with Asynchronous Clear
74165	8-bit Parallel in/Serial Out Shift Register
74173	4-bit TRI-STATE D REGISTER
74175	Quad D FLIP-FLOP with Clear Complementary Outputs
74191	Synchronous 4-bit Up/Down Binary COUNTER with Mode Control
74192	Up/Down Decade COUNTER with Separate UP/DOWN Clocks
74193	Synchronous 4-Bit Up/Down Binary COUNTER with Dual Clock
74194	4-bit Bidirectional Universal SHIFT REGISTER

74244	Octal TRI-STATE BUFFER /Line Driver/Line Receiver
74251	TRI-STATE 1-of-8 Line Data Selector/ MULTIPLEXER with Complementary Outputs
74257	Quad TRI-STATE 2-to-1 Line Data Selector/ MULTIPLEXER
74259	8-bit Serial In to Parallel Out Addressable LATCH
74279	Quad /S-/R LATCH
74365	Hex TRI-STATE BUFFER /Bus Driver
74366	Hex TRI-STATE Inverting BUFFER /Bus Driver
74373	Octal TRI-STATE Transparent D LATCH
74540	Octal BUFFER /Line Driver with TRI-STATE Outputs