

**MOTOROLA INTEGRATED CIRCUITS**  
**TTL 8300 - 9300 Series**

<b>Rating</b>	<b>Value</b>	<b>Unit</b>
Supply Voltage - $V_{cc}$	+7.0	Vdc
Input Voltage - $V_{in}$	+5.5	Vdc
Output Voltage - $V_{out}$	+5.5	Vdc
Operating Temperature Range	-55 to +125	°C
Storage Temperature Range	-65 to +150	°C

<b>Function</b>	<b>Type/Pkg</b>	<b>Loading Factor Each Output</b>	<b>Power Dissipation mW typ/pkg</b>
Universal 4-Bit Shift Register	9300/E,F	6	300
BCD-to-Decimal Decoder	9301/E,F	10	125
Dual Full Adder	9304/E,F	-	110
Presettable Decade Up/Down Counter	9306/J,K	-	-
7-Segment Decoder	9307/E,F	-	-
Dual 4-Bit Latch	9308/J,K	9	325
Dual 4-Channel Data Selector	9309/E,F	10	150
Presettable Decade Counter	9310/E,F	6	300
One of Sixteen Decoder	9311/J,K	10	175
8-Channel Data Selector	9312/E,F	9	135
4-Bit Latch	9314/E,F	-	-
4-Bit Binary Counter	9316/E,F	6	300
7-Segment Decoder/Driver	9317/E,F	-	-
8-Input Priority Encoder	9318/E,F	-	-
Quad 2-Input Multiplexer	9322/E,F	-	-
5-Bit Comparator	9324/E,F	-	-
Dual 8-Bit Shift Register	9328/E,F	6	250
One Shot Multivibrator	9601/C,A	6	75
Dual One Shot Multivibrator	9602/E,F	-	-