

MOTOROLA INTEGRATED CIRCUITS
SUHL 5000 - 5100 Series

Rating	Value	Unit
Supply Voltage - Continuous	+8	Vdc
Supply Operating Voltage Range	4.5 to 6.0	Vdc
Input Voltage - V_{in}	+5.5	Vdc
Output Voltage - V_{out}	+5.5	Vdc
Storage Temperature Range	-65 to +150	°C
Maximum Junction Temperature	+175	°C
Thermal Resistance - Junction to Case (q_{JC})	0.09	°C/mW
Thermal Resistance - Junction to Ambient (q_{JA})	0.26	°C/mW

Function	Type/Package -55°C to +125°C	Type/Package 0°C to +75°C
Decade Divider - Fixed	5090/C,A	5092/C,A
4-Bit Shift Register	5111/C,A	5113/C,A
8-Bit Parity Checker	5121/C,A	5123/C,A
Dual 4-Bit Comparator	5131/C,A	5133/C,A
Binary Programmable Divider	5141/C,A	5143/C,A
BCD Programmable Divider	5151/C,A	5153/C,A
4-Bit Binary Counter	-	5163/C,A
4-Bit BCD Counter	-	5173/C,A
4-Bit Binary Up/Down Counter	5181/C,A	5183/C,A
4-Bit BCD Up/Down Counter	5191/C,A	5193/C,A