LINEAR TECHNOLOGY

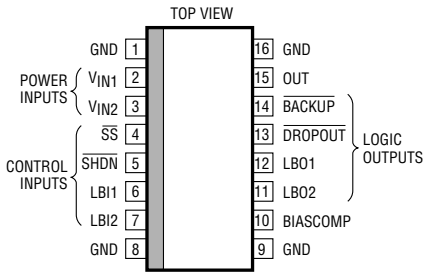
SPECIFICATION NOTICE

LT1579I

November 1998

The specifications for the **LT®1579I** are different from the LT1579C and are indicated below in **bold**. For complete specifications, typical performance characteristics and applications information, please see the **LT1579** data sheet.

PACKAGE/ORDER INFORMATION



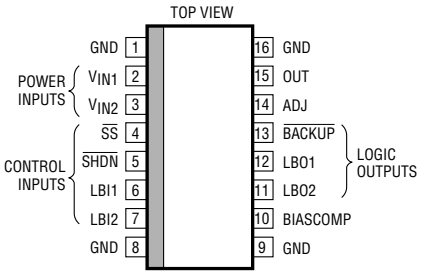
GN PACKAGE 16-LEAD PLASTIC SSOP
S PACKAGE 16-LEAD PLASTIC SO

SEE APPLICATION INFORMATION SECTION

T_{JMAX} = 125°C, θ_{JA} = 95°C/W (GN)
T_{JMAX} = 125°C, θ_{JA} = 68°C/W (S)

ORDER PART NUMBER
LT1579CGN-3
LT1579CGN-3.3
LT1579CGN-5
LT1579CS-3
LT1579CS-3.3
LT1579CS-5
LT1579IGN-3
LT1579IGN-3.3
LT1579IGN-5

GN PART MARKING	
15793	**1579I3**
157933	**579I33**
15795	**1579I5**



GN PACKAGE 16-LEAD PLASTIC SSOP
S PACKAGE 16-LEAD PLASTIC SO

SEE APPLICATION INFORMATION SECTION

T_{JMAX} = 125°C, θ_{JA} = 95°C/W (GN)
T_{JMAX} = 125°C, θ_{JA} = 68°C/W (S)

ORDER PART NUMBER
LT1579CGN
LT1579CS
LT1579IGN

GN PART MARKING
1579
1579I

ABSOLUTE MAXIMUM RATINGS

Operating Junction Temperature Range

LT1579C ..... 0°C to 125°C

LT1579I ..... –40°C to 125°C

ELECTRICAL CHARACTERISTICS

PARAMETER	CONDITIONS		MIN	TYP	MAX	UNITS
Dropout Voltage (Notes 3, 4, **12**)						
Quiescent Current in Shutdown	I_{VIN1}: V_{IN1} = 20V, V_{IN2} = 6V, V_{SHDN} = 0V	●		5	**15**	µA
	I_{VIN2}: V_{IN1} = 6V, V_{IN2} = 20V, V_{SHDN} = 0V	●		5	**15**	µA

Note 12: For the LT1579I, dropout voltage below 0°C will be determined by minimum input voltage.

For further information regarding this specification notice contact:

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