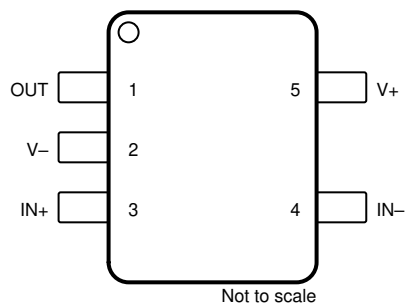
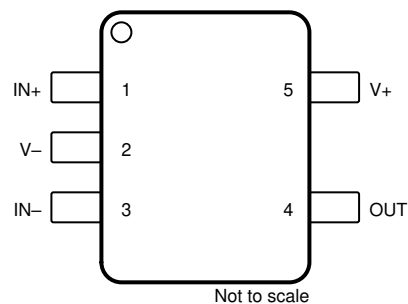


5 Pin Configuration and Functions



**Figure 5-1. TLV9151 DBV Package
5-Pin SOT-23
(Top View)**



**Figure 5-2. TLV9151 DCK
5-Pin SC70
(Top View)**

Table 5-1. Pin Functions: TLV9151

NAME	PIN		I/O	DESCRIPTION
	DBV	DCK		
+IN	3	1	I	Noninverting input
–IN	4	3	I	Inverting input
OUT	1	4	O	Output
V+	5	5	—	Positive (highest) power supply
V–	2	2	—	Negative (lowest) power supply

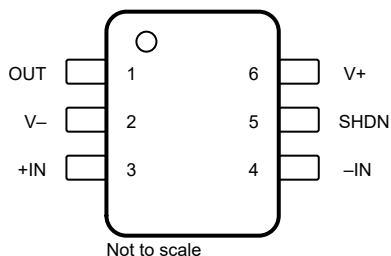


Figure 5-3. TLV9151S DBV Package
6-Pin SOT-23
(Top View)

Table 5-2. Pin Functions: TLV9151S

PIN		I/O	DESCRIPTION
NAME	NO.		
+IN	3	I	Noninverting input
–IN	4	I	Inverting input
OUT	1	O	Output
SHDN	5	I	Shutdown: low = amplifier enabled, high = amplifier disabled. See Shutdown for more information.
V+	6	—	Positive (highest) power supply
V–	2	—	Negative (lowest) power supply



Figure 5-4. TLV9152 D, DDF, DGK, and PW Package 8-Pin SOIC, SOT-23, TSSOP, and VSSOP (Top View)

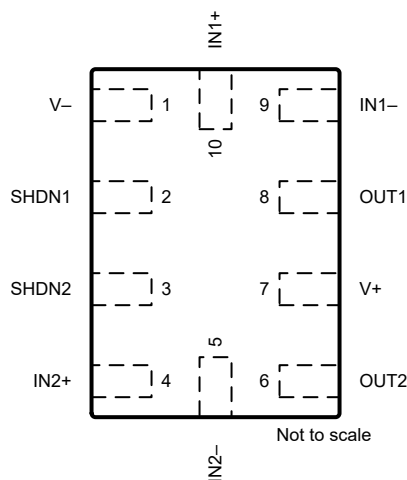


A. Connect thermal pad to V-. See [Packages with and Exposed Thermal Pad](#) for more information.

Figure 5-5. TLV9152 DSG Package^(A) 8-Pin WSON With Exposed Thermal Pad (Top View)

Table 5-3. Pin Functions: TLV9152

PIN		I/O	DESCRIPTION
NAME	NO.		
+IN A	3	I	Noninverting input, channel A
+IN B	5	I	Noninverting input, channel B
–IN A	2	I	Inverting input, channel A
–IN B	6	I	Inverting input, channel B
OUT A	1	O	Output, channel A
OUT B	7	O	Output, channel B
V+	8	—	Positive (highest) power supply
V–	4	—	Negative (lowest) power supply



**Figure 5-6. TLV9152S RUG Package
10-Pin X2QFN
(Top View)**

Table 5-4. Pin Functions: TLV9152S

PIN		I/O	DESCRIPTION
NAME	NO.		
+IN A	10	I	Noninverting input, channel A
+IN B	4	I	Noninverting input, channel B
–IN A	9	I	Inverting input, channel A
–IN B	5	I	Inverting input, channel B
OUT A	8	O	Output, channel A
OUT B	6	O	Output, channel B
SHDN1	2	I	Shutdown, channel 1: low = amplifier enabled, high = amplifier disabled. See Shutdown for more information.
SHDN2	3	I	Shutdown, channel 2: low = amplifier enabled, high = amplifier disabled. See Shutdown for more information.
V+	7	—	Positive (highest) power supply
V–	1	—	Negative (lowest) power supply

