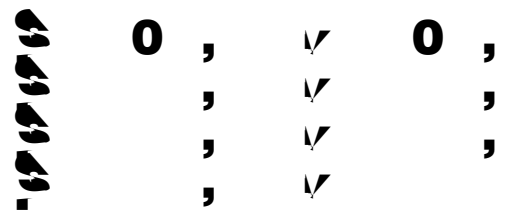
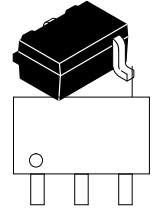
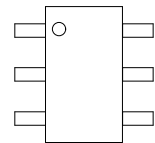


UQFN10
 MU SUFFIX



Features

-
-
-
- $\pm \mu$
- $\pm \mu$
- \pm
- \pm
- μ
- μ
-



Typical Applications

-
-
-
-
-

ORDERING INFORMATION



Table 1. MAXIMUM RATINGS

Parameter	Symbol	Value	Unit
	-	-	
	-	-	
		-	
		-	
		±	
			°
		-	°
		±	
		±	
-		±	

Table 4. ELECTRICAL CHARACTERISTICS

Boldface

Symbol	Parameter	Test Conditions	Min	Typ	Max	Unit
INPUT						
	-		-0.3		26	

TYPICAL CHARACTERISTICS ◦



Figure 2. Input Offset Voltage Production Distribution



Figure 3. Input Offset Voltage vs. Temperature



Figure 4. Common-Mode Rejection Production Distribution



Figure 5. Common-Mode Rejection Ratio vs. Temperature



Figure 6. Gain Error Production Distribution



Figure 7. Gain Error vs. Temperature

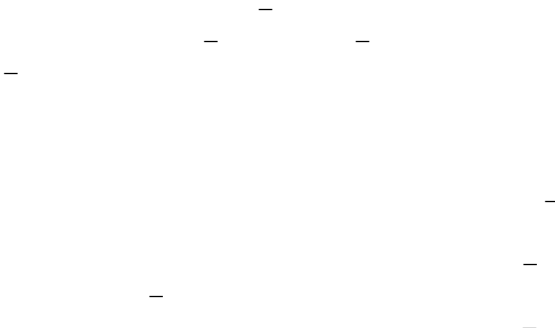
TYPICAL CHARACTERISTICS ◦

NCS210R, NCV210R, NCS211R, NCV211R, NCS213R, NCV213R, NCS214R, NCV214R

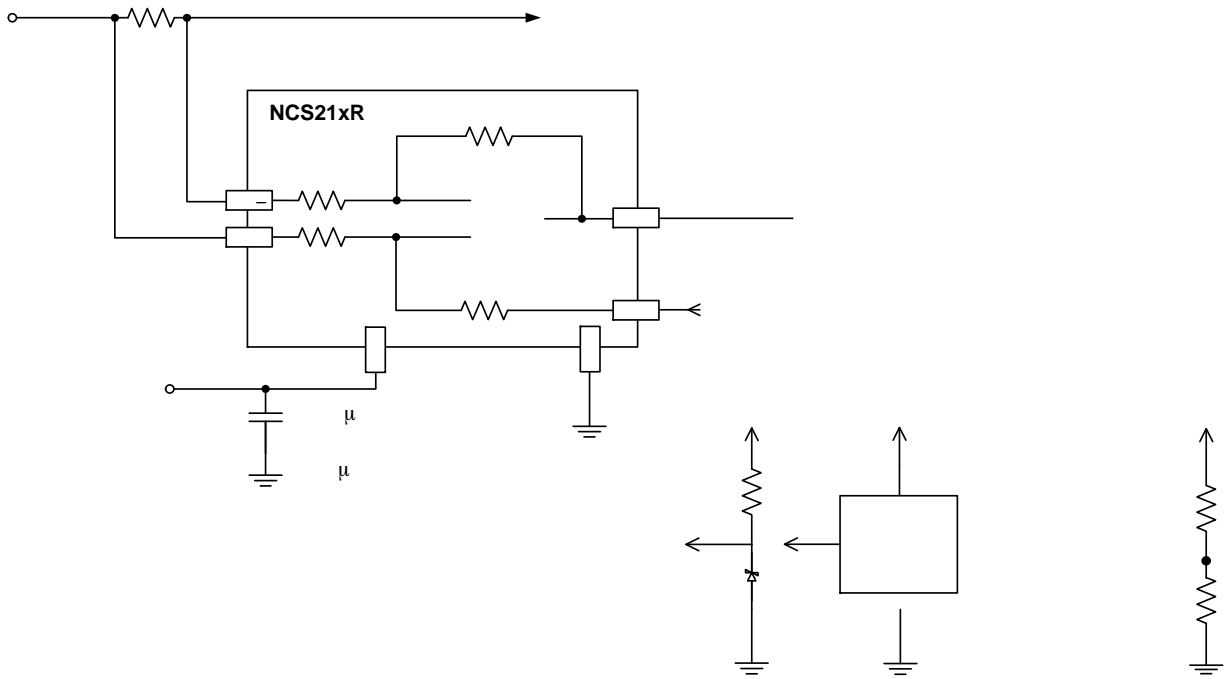
TYPICAL CHARACTERISTICS ◦

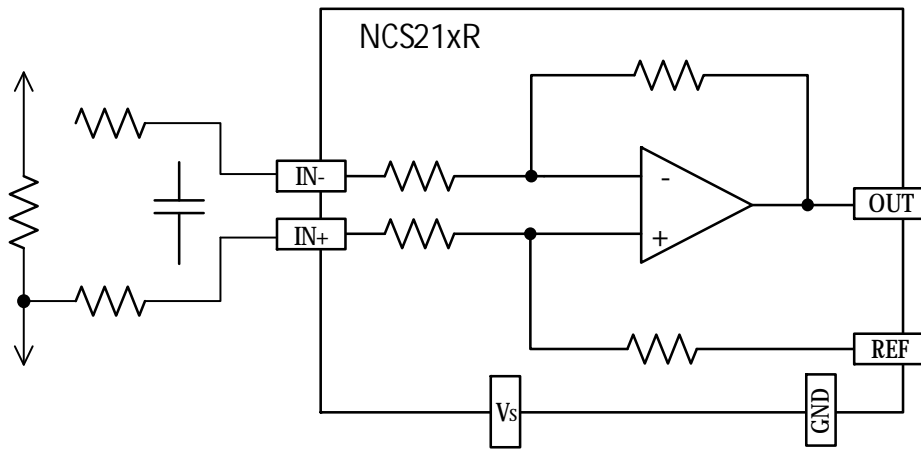
Basic Connections

Current Sensing Techniques



NCS210R, NCV210R, NCS211R, NCV211R, NCS213R, NCV213R, NCS214R, NCV214R





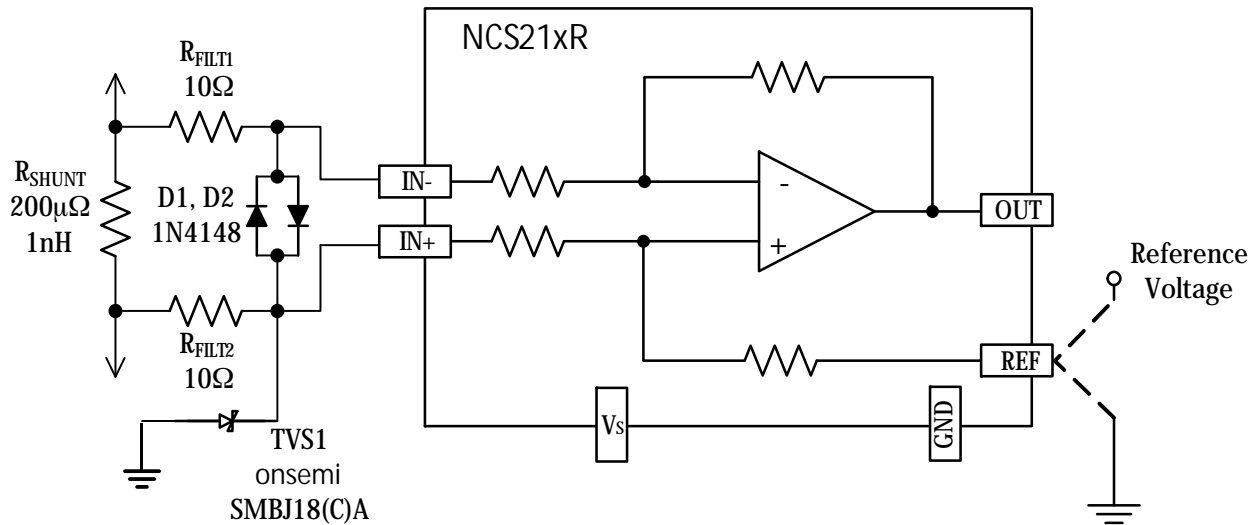


Figure 34. Single TVS transient common-mode protection

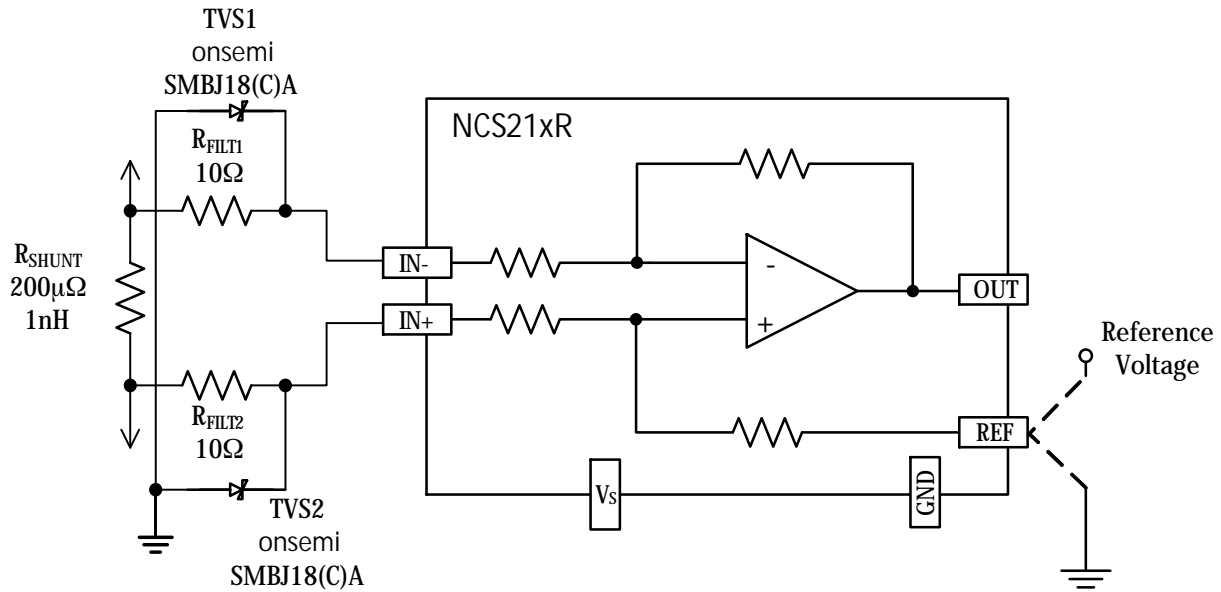


Figure 35. Dual TVS Transient Common-mode Protection

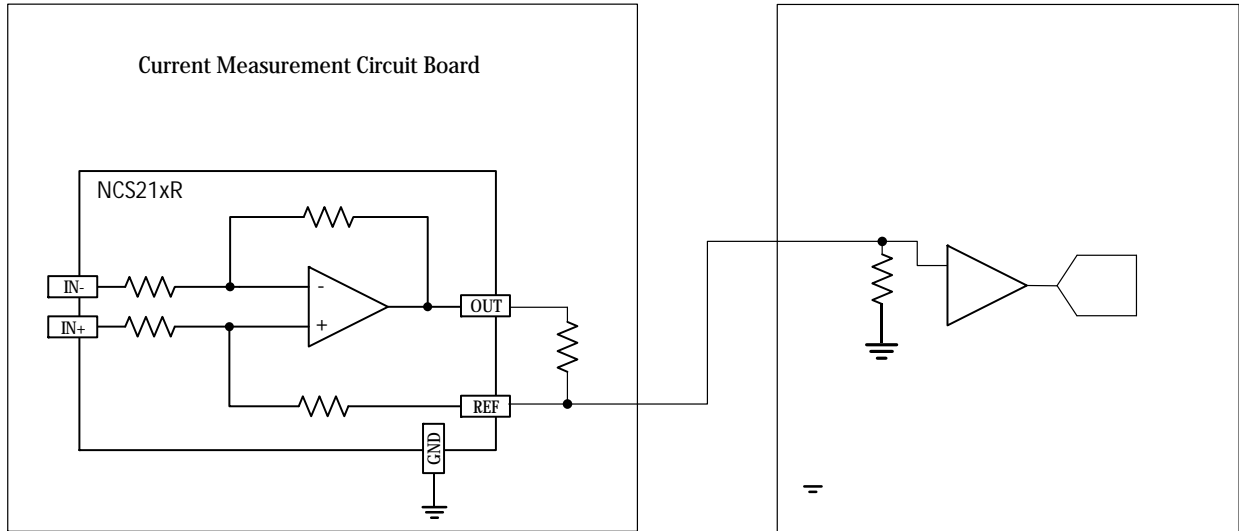
Selecting the Shunt Resistor

Kelvin Sensing

Current Output Configuration



Figure 36. Surface Mount Kelvin Shunt



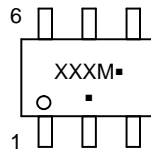


SC-88 2.00x1.25x0.90, 0.65P
CASE 419B-02
ISSUE Z

DATE 18 APR 2024

BURRS, MOLD FLASH,
PROTRUSIONS, OR GATE BURRS SHALL NOT EXCEED 0.25

**GENERIC
MARKING DIAGRAM***



XXX = Specific Device Code
M = Date Code*
• = Pb-Free Package

(Note: Microdot may be in either location)

*Date Code orientation and/or position may vary depending upon manufacturing location.

*This information is generic. Please refer to device data sheet for actual part marking. Pb-Free indicator, "G" or microdot "•", may or may not be present. Some products may not follow the Generic Marking.

RECOMMENDED MOUNTING

STYLES ON PAGE 2

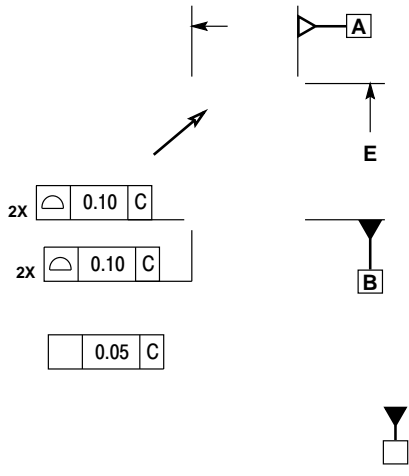
STYLE 1:
PIN 1. EMITTER 2
2. BASE 2
3. COLLECTOR 1
4. EMITTER 1
5. BASE 1
6. COLLECTOR 2

STYLE 2:
CANCELLED

STYLE 3:
CANCELLED

UQFN10 1.4x1.8, 0.4P
CASE 488AT
ISSUE A

DATE 01 AUG 2007



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