



Bill of Materials for the NCP451FCT2GEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
1	1	NCP451	NCP451	-	-	ON Semiconductor	NCP451	No	Yes
C1,C2	2	C1,C2	1µF 6.3V	10%	0603	Murata	GRM185R60J105KE26	Yes	Yes
R1	1	R1: not mounted (pull up resistor)	100k	1%	0603	Various	Various	Yes	Yes
R2	1	R2: Not mounted (En pull down resistor)	100 k	1%	0603	Various	Various	Yes	Yes
D1, D2	2	D1, D2. Diode Zener: not mounted	-	-	-	-	-	-	Yes
EN	1	Enable test point	-	-	-	Keystone	5011	Yes	Yes
IN	1	IN: connector	-	-	-	Hirschmann	930160000	Yes	Yes
	1	IN 2: test point	-	-	-	Keystone	5011	Yes	Yes
OUT	1	OUT: connector	-	-	-	Hirschmann	930160000	Yes	Yes
	1	OUT 2: test point	-	-	-	Keystone	5011	Yes	Yes
GND	2	2 x Ground strap	-	-	-	Harwin	D3082F05	Yes	Yes
GND Hole 1	1	Hole	-	-	-	-	-	-	Yes
GND Hole 2	1	Hole	-	-	-	-	-	-	Yes
GND Hole 3	1	Hole	-	-	-	-	-	-	Yes
GND Hole 4	1	Hole	-	-	-	-	-	-	Yes

