



Bill of Materials for the NCP458RFCT2GEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
U1	-	NCP458R	-	-	-	ON Semiconductor	NCP458R	no	yes
C1, C2, C4	3	Ceramic Capacitor	1 μ F 6.3V	10%	0603	Murata	GRM185R60J105KE26	yes	yes
C3	1	Ceramic Capacitor	1nF 6.3V	10%	0603	Murata	GRM188R71H102KA01D	yes	yes
D1, D2	0	Do Not Populate	-	-	-	-	-	-	-
R1	0	DNP (pull up resistor)	100k	1%	0603	Various	-	yes	yes
R2	0	DNP (EN pull down resistor)	100 k	1%	0603	Various	-	yes	yes
EN1	1	Enable test point	-	-	-	Keystone	5011	yes	yes
IN	1	Jack Connector	-	-	-	Hirschmann	930160000	yes	yes
	1	Test point	-	-	-	Keystone	5011	yes	yes
OUT	1	Jack Connector	-	-	-	Hirschmann	930160000	yes	yes
	1	Test point	-	-	-	Keystone	5011	yes	yes
GND	2	Ground strap x2	-	-	-	Harwin	D3082F05	yes	yes
VBIAS	1	Test point	-	-	-	Keystone	5011	yes	yes
VBIAS	1	Vbias strap (2 pins)	-	-	-	FCI	77311-401-36LF	yes	yes