



Bill of Materials for the NCP362GEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
R1, R2	2	Resistor	100K Ω	5%	CMS0805	Panasonic - ECG	ERJ-6GEYJ104V	Yes	Yes
C1, C2	2	Ceramic Capacitor	1 μ F, 25V, X5R	10%	CM0805	Murata	GRM188R61E105KA12D	Yes	Yes
NCP362	1	USB Positive Overvoltage and Overcurrent Regulator	-	-	UDFN 2.00mm x 2.5mm	ON Semiconductor	NCP362CMUTBG	No	Yes
GND Jumper	1	Ground Jumper	-	-	1mm pitch 10.16 mm	Molex	90120-0160	Yes	Yes
/EN, /FLAG, IN, VBUS, ID, VCC, OUT	7	Thru-hole Connector Pins	-	-	2.5mm Radius	Keystone Electronics	5001	Yes	Yes
USB Input Connector	1	Connector USB mini-B OTG 5 pins, CMS	-	-	9.00mm x 9.90mm	Hirose Electric Co Ltd	UX60-MB-5S	Yes	Yes
USB Output Connector	1	Connector USB type A 4 pins, CMS	-	-	15.15mm x 15.70mm	Assmann Electronics Inc	AU-Y1006-R	Yes	Yes