

ON Semiconductor

Bill of Materials for the NCP360 Evaluation Board

8/31/2007

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
NCP360	1	Over voltage protection	-	-	UDFN6	ON Semiconductor	NCP360MUTBG	No	Yes
C1, C2	2	Capacitor	1 μ F, 25V, X5R	10%	0603	Murata	GRM188R61E105KA12D	Yes	Yes
VBUS,VBUS OUT, FLAG, BATTERY, EN	5	Test Points	-	-	Through	Keystone	5001	Yes	Yes
J4	1	USB B Connector (USB IN)	-	-	Through	Tyco	292304-1	Yes	Yes
J5	1	USB mini Connector (USB OTG IN)	-	-	SMD	Hirose	UX60-MB-5S8	Yes	Yes
J6	1	USB A Connector (USB OUT)	-	-	SMD	Assman	AU-Y1006-R	Yes	Yes
D1, D3	-	-	-	-	-	-	-	-	-
D2	1	Green LED	2.1V, 20mA	-	1206	Lumex Opto	SML-LX1206GC-TR	Yes	Yes
R1	1	Resistor	1k Ω	1%	0805	Vishay	CRCW08051K00FKEA	Yes	Yes
R2, R3	2	Resistor	100k Ω	1%	0805	Vishay	CRCW0805100KFKEA	Yes	Yes
R4 - R7	-	-	-	-	-	-	-	-	-
GND jumper	1	Jumper	-	-	-	Molex	90120-0160	Yes	Yes
ENpower	1	Header	-	-	-	Molex	90120-0160	Yes	Yes