

ON Semiconductor



Bill of Materials for the NCP5612 Evaluation Board

1/10/2008

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
U1	1	NCP5612	-	-	LLGA12	ON Semiconductor	NCP5612MUTBG	No	Yes
D1, D2	1	LED	-	-	2.3mm x 1.1mm	OSRAM	LWY87S	No	Yes
C1	1	Capacitor	4.7 μ F, 10V	20%	0805	TDK	C2012X5R1C475MT	Yes	Yes
C2, C3	2	Capacitor	220nF, 10V	20%	0603	TDK	C1005X5R1C224MT	Yes	Yes
C4	1	Capacitor	1 μ F, 10V	20%	0805	TDK	C2012X5R1C105MT	Yes	Yes
R1	1	Resistor	10k Ω	5%	0603	Vishay	CRCW0603010KJKTA	Yes	Yes
TP1, TP2	2	Test Point, Do not assemble	-	-	D=1.6mm	Keystone	5005 (THM)	Yes	Yes
J1	1	Connector	-	-	RAD0.4	Kontek Comatel	3110010000500	Yes	Yes
J2	1	Control Port	-	-	IDC10	3M	2510-6002 UG	Yes	Yes
SP1	1	solder 2 of 3 points together	-	-	-	-	-	Yes	Yes
Z1	1	Shorting Plug (ground)	-	-	5.08mm pitch	Harwin	D3082-01 (tin) D3082-05 (gold)	Yes	Yes