



Bill of Materials for the NCP1532 Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
U1	1	IC, Converter, DC/DC	-	-	UDFN-10	ON Semiconductor	NCP1532	No	Yes
C1, C2, C4	3	Ceramic capacitor	10 μ F, 10 V, X5R	10%	0805	TDK	C2012X5R1A106	No	Yes
C3, C5	2	Ceramic Capacitor	18 pF, 50 V, COG	5%	0603	TDK	C1608C0G1H180	No	Yes
R1, R3	2	SMD Resistor	220 k Ω	1%	0603	std	std	No	Yes
RPOR	1	SMD Resistor	510 k Ω	1%	0604	std	std	No	Yes
RMS, REN1, REN2	3	Resistor	Open	-	-	-	-	-	-
P2, P4	2	Potentiometer	1 M Ω	10%	-	Vishay Spectrol	63M-T607-105	No	Yes
L1, L2	2	Inductor	2.2 μ H	20%	1605	Coilcraft	DO1605T-222MLB	No	Yes
VIN+, VIN-, VOUT1+, VOUT1-, VOUT2+, VOUT2-	6	Connector	-	-	-	Emerson Network Power Connectivity Solutions	111-2223-001	No	Yes
ENABLE1, ENABLE2, MODE	3	3 Pin Jumper Header	-	-	2.54 mm	TYCO/AMP Molex / Waldom	5-826629-0 90120-0160	No	Yes
GND1, GND2	2	Jumper for GND	-	-	10.16 mm	Harwin Molex / Waldom	D3082-01 90120-0160	No	Yes
EN1, EN2, LX1, LX2, MODE/SYNC, POR, VIN, VOUT1, VOUT2	9	Test point type 3	-	-	ϕ 1.60 mm	Keystone	5010	No	Yes
PCB	1	87 mm x 57 mm x 1.0 mm 4 Layers	-	-	-	Any	TLS-P-002-A-0907- BBR	Yes	Yes