



Bill of Materials for the NCP1522BU Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	RoHS Compliant
U1	1	IC, Converter, DC/DC	-	-	UDFN	ON Semiconductor	NCP1522BMUTBG	No	Yes
C1, C2	2	Ceramic capacitor	4.7uF, 6.3V, X5R	10%	0603	TDK	C1608X5R0J475K	Yes	Yes
C3	1	Ceramic capacitor	18pF, 50V, COG	5%	0603	TDK	C1608C0G1H180J	Yes	Yes
R1, R2	2	SMD resistor	510k	1%	0603	Vishay/Dale	CRCW0603510KFKEA	Yes	Yes
R3	1	SMD resistor	330k	1%	0603	Vishay/Dale	CRCW0603330KFKEA	Yes	Yes
R4	1	SMD resistor	240k	1%	0603	Vishay/Dale	CRCW0603240KFKEA	Yes	Yes
L1	1	Inductor	2,2uH	20%	1605	Coilcraft	DO1605T-222MLB	No	Yes
VIN, VOUT	4	Connector	-	-	-	Kontek Comatel Cambion	3110014000500 160-1724-02-05-00	Yes	Yes
ENABLE	1	3 Pin Jumper Header	-	-	2,54mm	TYCO/AMP Molex / Waldom	5-826629-0 90120-0160	Yes	Yes
SELECT	1	3x2 Pin Jumper Header	-	-	2,54mm	TYCO/AMP Molex / Waldom	4731955180470 90131-0140	Yes	Yes
GND1, GND2	2	Jumper for GND	-	-	10,16mm	Harwin Molex / Waldom	D3082-01 90120-0160	Yes	Yes
TPEN, TPLX, TPVIN, TPVOUT	4	Test point type 3	-	-	φ 1,60mm	Keystone	5010	Yes	Yes