



Bill of Materials NCP1529MUTBG Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
U1	1	IC, Converter, DC/DC	NCP1529	-	UDFN-6	ON Semiconductor	NCP1529	No	Yes
C1	1	Ceramic capacitor	4.7uF, 6.3V, X5R	10%	603	TDK	C1608X5R0J475	No	Yes
C2	1	Ceramic capacitor	10uF, 6.3V, X5R	10%	603	TDK	C1608X5R0J106	No	Yes
C3	1	Ceramic capacitor	18pF, 50V, COG	5%	603	TDK	C1608C0G1H180	No	Yes
R1, R2	2	SMD resistor	150k	1%	603	std	std	No	Yes
P2	1	Potentiometer	1meg	10%		Vishay Spectrol	63M-T607-105	No	Yes
L1	1	Inductor	2,2uH	20%	1605	Coilcraft	DO1605T-222MLB	No	Yes
VIN, VOUT	4	Connector	-	-	-	Emerson Network Power Connectivity Solutions	111-2223-001	No	Yes
ENABLE	1	3 Pin Jumper Header	-	-	2,54mm	TYCO/AMP	5-826629-0	No	Yes
SELECT	J1	2x2 Pin Jumper Header	-	-	2,54mm	Molex / Waldom	90120-0160	No	Yes
						TYCO/AMP	6-166591-5	No	Yes
						Molex / Waldom	90131-0140	No	Yes
GND1, GND2	2	Jumper for GND	-	-	10,16mm	Harwin	D3082-01	No	Yes
EN, LX, VIN, VOUT	4	Test point type 3	-	-	ϕ 1,60mm	Keystone	5010	No	Yes