

Bill of Materials for NCP1400AV33EVB Demonstration Board

ON Semiconductor



Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
L1	1	Inductor	22 μ H / 1.11 A	10%	CR54	Sumida Electronic Co. Ltd	CR54-220K	YES	NO
D1	1	Schottky Power Rectifier	0.5 A / 20 V	NA	SOD-123	On Semiconductor Corp	MBR0520LT1	NO	NO
C1	1	Low Profile Tantalum Capacitor	10 μ F / 16 V	10%	T491	KEMET Electronics Corp.	T491C106K016AS	YES	NO
C2	1	Low ESR Tantalum Capacitor	68 μ F / 10 V	10%	T491	KEMET Electronics Corp.	T491D686K010AS	YES	NO
U1	1	Step-Up Switching Regulator	NA	NA	TSOP 5	On Semiconductor Corp	NCP1400ASN33T1	NO	NO
TP1, TP2, TP3, TP4, JP1	5	Header Pin	2.54 mm	NA	NA	AMP / Tyco	4-103747-0	YES	NO