

Bill of Materials for the NCP1400AV50 Evaluation Board

ON Semiconductor



3/7/2007

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	RoHS Compliant
L1	1	Inductor	22 μ h / 1.11 A	20%	CR54	Sumida Electronic	CR54-220MC	Yes	Yes
D1	1	Schottky Power Rectifier	0.5 A / 20 V	NA	SOD-123	On Semiconductor	MBR0520LT1G	No	Yes
C1	1	Low Profile Tantalum Capacitor	10 μ F / 16 V	10%	T491	KEMET Electronics	T491C106K016AT	Yes	Yes
C2	1	Low ESR Tantalum Capacitor	68 μ F / 20 V	10%	T491	KEMET Electronics	T491D686K020AT	Yes	Yes
U1	1	Step-Up Switching Regulator	NA	NA	TSOP 5	On Semiconductor	NCP1400ASN50T1G	No	Yes
TP1-4, JP1	5	Header Pin	2.54 mm	NA	NA	AMP / Tyco	9-146285-0	Yes	Yes