

Bill of Materials for the NCP1406V15GEVB Evaluation Board



Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	RoHS Compliant
C1	1	Ceramic Capacitor	10 μ F, 6.3 V	20%	0805	Panasonic	ECJ2FB0J106M	Yes	Yes
C2	1	Ceramic Capacitor	4.7 μ F, 25 V	20%	1206	Panasonic	ECJ3YB1E475M	Yes	Yes
C3	1	Ceramic Capacitor	56 pF, 50 V	5%	0603	Panasonic	ECJ1VC1H560K	Yes	Yes
D1	1	Schottky Power Rectifier	20 V, 500 mA	NA	SOD-123	ON Semiconductor	MBR0520LT1	No	Yes
JP1	3	Header (3-pin)	0.1" pitch	NA	NA	AMP/Tyco	9-146285-0	Yes	Yes
L1	1	Low Profile Inductor	10.0 μ H, 0.50 A	20%	SMD	TDK	VL4010ST-100MR80	Yes	Yes
R1	1	Resistor	1.3 M Ω , 0.1 W	5%	0603	Panasonic	ERJ-3GEYJ135V	Yes	Yes
R2	1	Resistor	110 k Ω , 0.1 W	5%	0603	Yageo	RC0603JR-07110KL	Yes	Yes
TP1-4	8	Header (2-pin)	0.1" pitch	NA	NA	AMP/Tyco	9-146285-0	Yes	Yes
U1	1	Step-Up DC-DC Converter	VO \leq 25 V, IO= 25 mA	NA	TSOP-5	ON Semiconductor	NCP1406SNT1G	No	Yes