

Bill of Materials for the NCP3063SMDBCKEVB Evaluation Board

ON Semiconductor



8/9/2006

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	RoHS Compliant
L401	1	Power Inductor	47 μ H	10%	DO5022P	Coilcraft	DO5022P-473ML	Yes	Yes
D401	1	Schottky Rectifier	1A, 40V	NA	SMB	ON Semiconductor	MBRS140LT3G	No	Yes
C401	1	Ceramic Capacitor	100nF	10%	1206	AVX	12065G104Z-MR	Yes	Yes
C402	1	Electrolytic Capacitor	220 μ F, 50V	20%	SMD	Panasonic - ECG	EEV-FK1H221P	Yes	Yes
C403	1	Ceramic Capacitor	2.2nF	5%	0805	AVX	08055A222J-MR	Yes	Yes
C405	1	Electrolytic Capacitor	330 μ F, 25V	20%	SMD	Panasonic - ECG	EEE-FK1E331GP	Yes	Yes
C406	1	Ceramic Capacitor	100nF	10%	Radial	Multicomp	MCCR50104X7RK0100	Yes	Yes
R401	1	Metal Strip Flip Chip Resistor	0.15 Ω , 1W	1%	2010	Vishay/Dale	WSL2010R1500FEA18	Yes	Yes
R402	1	Thick Film Resistor	2.4k Ω , 0.1W	1%	0805	Multicomp	MC 0.1W 0805 1% 2K4	Yes	Yes
R403	1	Thick Film Resistor	3.9k Ω , 1/8W	1%	0805	Phycomp	232273463902	Yes	Yes
R404	1	Thick Film Resistor	0 Ω , 1/10W	0%	0805	Multicomp	MC 0.1W 0805 0R	Yes	Yes
U401	1	NCP3063 Switching Regulator	NA	NA	SOIC-IC	ON Semiconductor	NCP3063DR2G	No	Yes