

ON Semiconductor



Bill of Materials for the NCP3063 BOOST DFN Evaluation Board

7/2/2007

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
L701	1	Inductor	100uH	20%	DO5022P	COILCRAFT	DO-5022P-104ML	Yes	Yes
D701	1	1A 40V Schottky Rectifier	MBRS140LT3G	-	SMB	ON Semiconductor	MBRS140LT3G	Yes	Yes
C701	1	Ceramic Capacitor 1206	100nF	10%	1206	AVX	12065G104Z-MR	Yes	Yes
C702	1	Capacitor	330uF/25V	20%	SMD	Panasonic - ECG	EEE-FK1E331GP	Yes	Yes
C703	1	Ceramic Capacitor 0805	2.2nF	5%	0805	AVX	08055A222J-MR	Yes	Yes
C705	1	Capacitor	330uF/50V	20%	SMD	Panasonic - ECG	EEV-FK1H331Q	Yes	Yes
C706	1	Ceramic Capacitor	100nF	10%	1206	AVX	12065G104Z-MR	Yes	Yes
R701	1	Resistor	0R15	1%	2010	Vishay/Dale	WSL2010R1500FEA18	Yes	Yes
R702	1	Resistor	1kOhm	1%	0805	MULTICOMP	MC 0.1W 0805 1% 1K	Yes	Yes
R703	1	Resistor	18kOhm	1%	0805	MULTICOMP	MC 0.1W 0805 1% 18K	Yes	Yes
R704	1	Resistor	0R	0%	0805	MULTICOMP	MC 0.1W 0805 0R	Yes	Yes
U701	1	1.5A, 150KHz Switching Regulator	NCP3063MNR2G	-	DFN8	ON Semiconductor	NCP3063MNR2G	No	Yes