

Bill of Materials for MC34063 (Invert-SMD)

ON Semiconductor



8/1/2006

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	RoHS Compliant
C201	1	Electrolytic Capacitor	100 $\mu$ F, 16 V	20%	6.3 x 6.3 mm	Tecate	MXZZ-016/101M6X6TRF	Yes	Yes
C202	1	Ceramic Capacitor	0.1 $\mu$ F, 50 V	10%	0805	Kemet	C0805C104K5RACTU	Yes	Yes
C203	1	Ceramic Capacitor	680 pF, 50 V	5%	0805	Kemet	C0805C681J5GACTU	Yes	Yes
C204	1	Tantalum Capacitor	100 $\mu$ F, 16 V	10%	EIA 6032 - 28	Kemet	T491C107K016AT	Yes	Yes
C206	1	Ceramic Capacitor	0.1 $\mu$ F, 16 V	10%	0805	Yageo America	CC0805KRX7R7BB104	Yes	Yes
D201	1	Schottky Diode	1 A, 40 V	NA	SMB	ON Semiconductor	MBRS140T3G	No	Yes
IC201	1	IC-DC to DC Converter	1.5 A	NA	SOIC-8	ON Semiconductor	MC34063ADR2G	No	Yes
L201	1	Power Inductor	100 $\mu$ H, 1.2 A	20%	SMD	Coilcraft	DO3316P-104_L	Yes	Yes
P201, P202	2	2 Pin Header	NA	NA	NA	Molex	26-48-1025	Yes	Yes
R201	1	Chip Resistor	1.0 $\Omega$ , 1/8 W	5%	0805	Yageo America	RC0805JR-071RL	Yes	Yes
R202, R203	2	Chip Resistor	1.5 $\Omega$ , 1/8 W	5%	0805	Yageo America	RC0805JR-071R5L	Yes	Yes
R204, R208	2	Chip Resistor	0 $\Omega$ , 1/8 W	5%	0805	Yageo America	RC0805JR-070RL	Yes	Yes
R205	1	Chip Resistor	953 $\Omega$ , 1/8 W	1%	0805	Yageo America	RC0805FR-07953RL	Yes	Yes
R206	1	Chip Resistor	8.45 $\Omega$ , 1/8 W	1%	0805	Yageo America	RC0805FR-078R45L	Yes	Yes