

Bill of Materials for CS51411 Evaluation Board

ON Semiconductor



9/20/2006

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	RoHS Compliant
U1	1	Low Voltage Buck Regulator	1.5 A, 260 kHz	NA	SOIC-8	ON Semiconductor	CS51411ED8G	No	Yes
C1, C4, C5	3	Ceramic Capacitor	0.1 μ F, 16 V	10%	0603	Panasonic	PCC1762CT-ND	Yes	Yes
C2, C3	2	Tantalum Capacitor	100 μ F, 16 V	10%	7.3x4.3 mm	AVX	TAJE107K016R	Yes	Yes
C6	1	Ceramic Capacitor	3300 pF, 50 V	10%	0603	Panasonic	PCC1778CT-ND	Yes	Yes
D1	1	Switching Diode	150 mA, 75 V	NA	NA	Diodes Inc.	LL4148-13	Yes	Yes
D3	1	Schottky Diode	2.0 A, 30 V	NA	SMB	Diodes Inc.	B230-13-F	Yes	Yes
L1	1	Inductor	15 μ H, 2.2 A	20%	9.4x9.4 mm	Coiltronics	UP2.8B-150-R	Yes	Yes
R1	1	Chip Resistor	205 Ω , 1/8 W	1%	0805	Panasonic	ERJ-6ENF2050V	Yes	Yes
R2	1	Chip Resistor	127 Ω , 1/140 W	1%	0805	Panasonic	ERJ-6ENF1270V	Yes	Yes
J1-J8	8	Test Point	NA	NA	.042"	Vector Electronics	K24C/M	Yes	Yes