



## Bill of Materials for the CS5171BSTGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
<b>U1</b>	<b>1</b>	<b>Boost Regulator</b>	<b>1.5 A, 280/560</b>	<b>-</b>	<b>SOIC-8</b>	<b>ON</b>	<b>CS5171ED8G</b>	<b>No</b>	<b>Yes</b>
C1	1	Ceramic Capacitor	0.01 uF, 16 V	10%	0603	Panasonic	ECJ-1VB1C103K	Yes	Yes
C2	1	Ceramic Capacitor	220 pF, 50V	5%	0603	Panasonic	ECJ-1VC1H221J	Yes	Yes
C4	1	Ceramic Capacitor	0.1 uF, 16 V	10%	0603	Panasonic	ECJ-1VB1C104K	Yes	Yes
C5-C7	3	Ceramic Capacitor	10 uF, 6.3V	20%	3216	TDK	C3216X5R0J106M	Yes	Yes
L1	1	Inductor	22 uH, 1A	20%	12.192 x 9.398 x 2.997mm	Coilcraft	DO3308P-223	Yes	Yes
D1	1	Schottky Diode	1.5 A, 30 V	-	NMini 2P	Panasonic	MA2Q70500L	Yes	Yes
R1	1	Chip Resistor	4.99 k $\Omega$ , 1/10 W	1%	0603	Vishay	CRCW06034K99FKEA	Yes	Yes
R2	1	Chip Resistor	1.6 k $\Omega$ , 1/10 W	5%	0603	Vishay	CRCW06031K60JNEA	Yes	Yes
R3	1	Chip Resistor	560 $\Omega$ , 1/10 W	5%	0603	Vishay	CRCW0603560RJNEA	Yes	Yes
J1	1	Test Point	-	-	dia = 0.04 in.	Keystone	5002	Yes	Yes
J2-J5	4	Test Point	-	-	dia = 0.042 in.	Vector Electronics	K24C/M	Yes	Yes