

# LCWG1000

## Bill of Materials

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Reference	Value	Description	Manufacturer	MPN	Mouser #
C1, C2, C3	100n	X7R, 100 VDC, 10%	Samsung	CL21B104KCFNNNE	<a href="#">187-CL21B104KCFNNNE</a>
C4	10u	X7R, 10 VDC, 10%	Murata	GRM21BR71A106KA73K	<a href="#">81-GRM21BR71A106KA3K</a>
C5	10n	COG, 100 VDC, 5%	Murata	GRM2165C2A103JA01D	<a href="#">81-GRM2165C2A103JA1D</a>
J1, J2	HDR_1x04_0.1	straight, 6.00 mm, 3.00 mm, gold	Würth	61300411121	<a href="#">710-61300411121</a>
U1	AD9837B	waveform generator, 16 MHz	Analog Devices	<a href="#">AD9837BCPZ-RL7</a>	<a href="#">584-AD9837BCPZ-R7</a>
X1	SG-210STF	16 MHz, 50 PPM, 1.8-3.3 V	Epson	<a href="#">SG-210STF 16.0000ML5</a>	<a href="#">732-SG-210STF16.0ML5</a>