

Bill of Material NCV6323C/D

Item	Part Reference	Description	Package	Part number	Manufacturer	Qty
1	IC1	3 MHz, 2A, Synchronous Buck Converter	WDFNW-8 2.0 x 2.0 x 0.75 mm	NCV6323C/D	ON Semiconductor	1
2	Cin1	MLCC Cap 10V, 10 μ F, X5R, \pm 20%	0805	GRM21BR61A106KE19	muRata	1
3	Cin2	MLCC Cap 6.3V, 100 μ F, X5R, \pm 20%	1210	GRM32ER60J107ME20	muRata	1
4	Co1	MLCC Cap 10V, 10 μ F, X5R, \pm 20%	0603	GRM188R60J106ME47	muRata	1
5	L	Power Choke 1.0 μ H, \pm 30%, 2450mA, 30m Ω	4.0 x 3.5 x 1.65 mm	LQH44PN1R0NP0	muRata	1
6	Ren, Rpg	Thick Film Chip Resistors, 1M Ω , \pm 5%, 0.1W	0603	ERJ3GEYJ105V	Panasonic	2
7	R1	Thick Film Chip Resistors, 220k Ω , \pm 5%, 0.1W	0603	ERA3AEB224V	Panasonic	1
8	R2	Thick Film Chip Resistors, 110k Ω , \pm 5%, 0.1W	0603	ERA3AEB114V	Panasonic	1
9	Cfb	MLCC, 15pF, 50V	0603	ECJ1VC1H150J	Panasonic	1
10	Rfb	Thick Film Chip Resistors, 20 Ω , \pm 5%, 0.1W	0603	ERA3AEB200V	Panasonic	1