

PMP15013_LMR16030 CISPR 22 BOM					
Item #	Designator	Manufacturer	Description	Quantity	Comment
1	C1	MuRata	CAP, CERM, 47uF, 16V, +/-20%, X5R, 1210	1	GRM32ER61C476ME15L
2	C2,Cin0	MuRata	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, 0603	2	GRM188R71H104KA93D
3	C4	MuRata	CAP, CERM, 0.1 uF, 16 V, +/- 10%, X7R, 0603	1	GRM188R71C104KA01D
4	C6	Panasonic	CAP, TA, 150 uF, 16 V, +/- 20%, 0.05 ohm, SMD	1	16TQC150MYF
5	C7	MuRata	CAP, CERM, 1 uF, 25 V, +/- 10%, X7R, 0805	1	GRM21BR71E105KA99L
6	C8	MuRata	CAP, CERM, 0.027 uF, 16 V, +/- 10%, X7R, 0603	1	GRM188R71C273KA01D
7	C9, C11, Cin1,Cin2,Cin3	MuRata	CAP, CERM, 4.7uF, 50V, +/-10%, X7R, 1210	5	GRM32ER71H475KA88L
8	C12, Cin4	MuRata	CAP, CERM, 0.22 uF, 50 V, +/- 10%, X7R, 0805	2	GRM21BR71H224KA01L
9	Cs	MuRata	CAP, CERM, 100 pF, 50 V, +/- 5%, C0G/NP0, 0603	1	GRM1885C1H101JA01D
10	D1	Diodes Inc.	Diode, Schottky, 60 V, 5 A, PowerDI5	1	PDS560-13
11	GND, GND1, VIN, VOUT	Keystone	Terminal, Turret, TH, Double	4	Suggest using a net name here
12	L1	Würth Elektronik eiSos	Inductor, Shielded Drum Core, Superflux, 5.5 礶, 10 A, 0.0112 ohm, SMD	1	744325550
13	Lin	MuRata Toko	Inductor, Shielded, Ferrite, 12uH, 1 A, 0.19 ohm, SMD	1	1234AS-H-120M
14	PLT5BPH	MuRata	PLT5BPH501, SMD type common-mode choke coil	1	PLT5BPH5013R1SNB
14	R1	Vishay-Dale	RES, 432 k, 1%, 0.1 W, 0603	1	CRCW0603432KFKEA
15	R2	Vishay-Dale	RES, 86.6 k, 1%, 0.1 W, 0603	1	CRCW060386K6FKEA
16	R3	Vishay-Dale	RES, 60.4 k, 1%, 0.1 W, 0603	1	CRCW060360K4FKEA
17	R5	Vishay-Dale	RES, 42.2 k, 1%, 0.1 W, 0603	1	CRCW060342K2FKEA
18	R6	Vishay-Dale	RES, 7.50 k, 1%, 0.1 W, 0603	1	CRCW06037K50FKEA
19	R7	Vishay-Dale	RES, 49.9 ohm, 1%, 0.1W, 0603	1	CRCW060349R9FKEA
20	R12, Rs	Vishay-Dale	RES, 5.11, 1%, 0.1 W, 0603	2	CRCW06035R11FKEA
21	U1	Texas Instruments	SIMPLE SWITCHER, 60 V 3 A, 2.2 MHz Step-Down Converter with 40 uA IQ, DDA0008E	1	LMR16030PDDAR

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