

Chip EMI Suppression Filter Design Kits




●EKEMBL03D (Chip Ferrite Beads 01005 Size / 0201 Size)

No.	Part Number	Quantity (pcs.)	Impedance typ. (at 100MHz, 20 degrees C)	Rated Current (mA)	DC Resistance (Ω) max.
1	BLM02AG100SN1	10	10 Ω (Typ.)	500	0.1
2	BLM02AG700SN1	10	70 Ω ±25%	250	0.5
3	BLM02AG121SN1	10	120 Ω ±25%	200	0.8
4	BLM03AG100SN1	10	10 Ω (Typ.)	500	0.1
5	BLM03AG700SN1	10	70 Ω (Typ.)	200	0.4
6	BLM03AG800SN1	10	80 Ω ±25%	200	0.4
7	BLM03AG121SN1	10	120 Ω ±25%	200	0.5
8	BLM03AG241SN1	10	240 Ω ±25%	200	0.8
9	BLM03AG601SN1	10	600 Ω ±25%	100	1.5
10	BLM03AG102SN1	10	1000 Ω ±25%	100	2.5
11	BLM03BB100SN1	10	10 Ω ±25%	300	0.4
12	BLM03BB220SN1	10	22 Ω ±25%	200	0.5
13	BLM03BB470SN1	10	47 Ω ±25%	200	0.7
14	BLM03BB750SN1	10	75 Ω ±25%	200	1.0
15	BLM03BB121SN1	10	120 Ω ±25%	100	1.5
16	BLM03BD750SN1	10	75 Ω ±25%	300	0.4
17	BLM03BD121SN1	10	120 Ω ±25%	250	0.5
18	BLM03BD241SN1	10	240 Ω ±25%	200	0.8
19	BLM03PG220SN1	10	22 Ω ±25%	900	0.065
20	BLM03PG330SN1	10	33 Ω ±25%	750	0.090

●EKEMBL15J (Chip Ferrite Beads 0402 Size)

No.	Part Number	Quantity (pcs.)	Impedance typ. (at 100MHz, 20 degrees C)	Rated Current (mA)	DC Resistance (Ω) max.
1	BLM15AG100SN1	10	10 Ω (Typ.)	1000	0.05
2	BLM15AG700SN1	10	70 Ω (Typ.)	500	0.15
3	BLM15AG121SN1	10	120 Ω ±25%	500	0.25
4	BLM15AG221SN1	10	220 Ω ±25%	300	0.35
5	BLM15AG601SN1	10	600 Ω ±25%	300	0.60
6	BLM15AG102SN1	10	1000 Ω ±25%	200	1.00
7	BLM15BA050SN1	10	5 Ω ±25%	300	0.10
8	BLM15BA100SN1	10	10 Ω ±25%	300	0.20
9	BLM15BA220SN1	10	22 Ω ±25%	300	0.30
10	BLM15BA330SN1	10	33 Ω ±25%	300	0.40
11	BLM15BA470SN1	10	47 Ω ±25%	200	0.60
12	BLM15BA750SN1	10	75 Ω ±25%	200	0.80
13	BLM15BB050SN1	10	5 Ω ±25%	500	0.08
14	BLM15BB100SN1	10	10 Ω ±25%	300	0.10
15	BLM15BB220SN1	10	22 Ω ±25%	300	0.20

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No.	Part Number	Quantity (pcs.)	Impedance typ. (at 100MHz, 20 degrees C)	Rated Current (mA)	DC Resistance (Ω) max.
16	BLM15BB470SN1	10	47 Ω ±25%	300	0.35
17	BLM15BB750SN1	10	75 Ω ±25%	300	0.40
18	BLM15BB121SN1	10	120 Ω ±25%	300	0.55
19	BLM15BB221SN1	10	220 Ω ±25%	200	0.80
20	BLM15BD750SN1	10	75 Ω ±25%	300	0.20
21	BLM15BD121SN1	10	120 Ω ±25%	300	0.30
22	BLM15BD221SN1	10	220 Ω ±25%	300	0.40
23	BLM15BD471SN1	10	470 Ω ±25%	200	0.60
24	BLM15BD601SN1	10	600 Ω ±25%	200	0.65
25	BLM15BD102SN1	10	1000 Ω ±25%	200	0.90
26	BLM15BD182SN1	10	1800 Ω ±25%	100	1.40
27	BLM15HD601SN1	10	600 Ω ±25%	300	0.85
28	BLM15HD102SN1	10	1000 Ω ±25%	250	1.25
29	BLM15HD182SN1	10	1800 Ω ±25%	200	2.20
30	BLM15HG601SN1	10	600 Ω ±25%	300	0.70
31	BLM15HG102SN1	10	1000 Ω ±25%	250	1.10
32	BLM15HB121SN1	10	120 Ω ±25%	300	0.70
33	BLM15HB221SN1	10	220 Ω ±25%	250	1.00
34	BLM15EG121SN1	10	120 Ω ±25%	1500	0.095
35	BLM15EG221SN1	10	220 Ω ±25%	700	0.28
36	BLM15GG221SN1	10	220 Ω ±25%	300	0.70
37	BLM15GG471SN1	10	470 Ω ±25%	200	1.30
38	BLM15GA750SN1	10	75 Ω ±25%	200	1.30
39	BLM15PG100SN1	10	10 Ω (Typ.)	1000	0.05
40	BLM15PD300SN1	10	30 Ω ±25%	2200	0.035
41	BLM15PD600SN1	10	60 Ω ±25%	1700	0.06
42	BLM15PD800SN1	10	80 Ω ±25%	1500	0.07
43	BLM15PD121SN1	10	120 Ω ±25%	1300	0.09

●EKEMBL18G (Chip Ferrite Beads 0603 Size)

No.	Part Number	Quantity (pcs.)	Impedance typ. (at 100MHz, 20 degrees C)	Rated Current (mA)	DC Resistance (Ω) max.
1	BLM18AG121SN1	10	120 Ω ±25%	500	0.18
2	BLM18AG151SN1	10	150 Ω ±25%	500	0.25
3	BLM18AG221SN1	10	220 Ω ±25%	500	0.25
4	BLM18AG331SN1	10	330 Ω ±25%	500	0.30
5	BLM18AG471SN1	10	470 Ω ±25%	500	0.35
6	BLM18AG601SN1	10	600 Ω ±25%	500	0.38
7	BLM18AG102SN1	10	1000 Ω ±25%	400	0.50
8	BLM18BA050SN1	10	5 Ω ±25%	500	0.20
9	BLM18BA100SN1	10	10 Ω ±25%	500	0.25
10	BLM18BA470SN1	10	47 Ω ±25%	300	0.55
11	BLM18BA750SN1	10	75 Ω ±25%	300	0.70
12	BLM18BA121SN1	10	120 Ω ±25%	200	0.90
13	BLM18BB050SN1	10	5 Ω ±25%	700	0.05
14	BLM18BB100SN1	10	10 Ω ±25%	700	0.10
15	BLM18BB220SN1	10	22 Ω ±25%	600	0.20
16	BLM18BB470SN1	10	47 Ω ±25%	550	0.25
17	BLM18BB600SN1	10	60 Ω ±25%	550	0.25
18	BLM18BB750SN1	10	75 Ω ±25%	500	0.30
19	BLM18BB121SN1	10	120 Ω ±25%	500	0.30
20	BLM18BB151SN1	10	150 Ω ±25%	450	0.37

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No.	Part Number	Quantity (pcs.)	Impedance typ. (at 100MHz, 20 degrees C)	Rated Current (mA)	DC Resistance (Ω) max.
21	BLM18BB221SN1	10	220 Ω ±25%	450	0.45
22	BLM18BB331SN1	10	330 Ω ±25%	400	0.58
23	BLM18BB471SN1	10	470 Ω ±25%	300	0.85
24	BLM18BD470SN1	10	47 Ω ±25%	200	0.30
25	BLM18BD121SN1	10	120 Ω ±25%	200	0.40
26	BLM18BD151SN1	10	150 Ω ±25%	200	0.40
27	BLM18BD221SN1	10	220 Ω ±25%	200	0.45
28	BLM18BD331SN1	10	330 Ω ±25%	200	0.50
29	BLM18BD421SN1	10	420 Ω ±25%	200	0.55
30	BLM18BD471SN1	10	470 Ω ±25%	200	0.55
31	BLM18BD601SN1	10	600 Ω ±25%	200	0.65
32	BLM18BD102SN1	10	1000 Ω ±25%	100	0.85
33	BLM18BD152SN1	10	1500 Ω ±25%	50	1.20
34	BLM18BD182SN1	10	1800 Ω ±25%	50	1.50
35	BLM18BD222SN1	10	2200 Ω ±25%	50	1.50
36	BLM18BD252SN1	10	2500 Ω ±25%	50	1.50
37	BLM18PG300SN1	10	30 Ω (Typ.)	1000	0.05
38	BLM18PG330SN1	10	33 Ω ±25%	3000	0.025
39	BLM18PG600SN1	10	60 Ω (Typ.)	500	0.10
40	BLM18PG121SN1	10	120 Ω ±25%	2000	0.05
41	BLM18PG181SN1	10	180 Ω ±25%	1500	0.09
42	BLM18PG221SN1	10	220 Ω ±25%	1400	0.10
43	BLM18PG331SN1	10	330 Ω ±25%	1200	0.15
44	BLM18PG471SN1	10	470 Ω ±25%	1000	0.20
45	BLM18KG260TN1	10	26 Ω ±25%	6000	0.007
46	BLM18KG700TN1	10	70 Ω ±25%	3500	0.022
47	BLM18KG121TN1	10	120 Ω ±25%	3000	0.030
48	BLM18KG221SN1	10	220 Ω ±25%	2200	0.050
49	BLM18KG331SN1	10	330 Ω ±25%	1700	0.080
50	BLM18KG471SN1	10	470 Ω ±25%	1500	0.130
51	BLM18KG601SN1	10	600 Ω ±25%	1300	0.150
52	BLM18SG260TN1	10	26 Ω ±25%	6000	0.007
53	BLM18SG700TN1	10	70 Ω ±25%	4000	0.020
54	BLM18SG121TN1	10	120 Ω ±25%	3000	0.025
55	BLM18SG221TN1	10	220 Ω ±25%	2500	0.040
56	BLM18SG331TN1	10	330 Ω ±25%	1500	0.070
57	BLM18RK121SN1	10	120 Ω ±25%	200	0.25
58	BLM18RK471SN1	10	470 Ω ±25%	200	0.5
59	BLM18RK601SN1	10	600 Ω ±25%	200	0.6
60	BLM18RK102SN1	10	1000 Ω ±25%	200	0.8

●EKEMBL8GA (Chip Ferrite Beads 0603 Size / for High Frequency Type)

No.	Part Number	Quantity (pcs.)	Impedance (at 100MHz, 20 degrees C)	Impedance (at 1GHz, 20 degrees C)	Rated Current (mA)	DC Resistance (Ω) max.
1	BLM18HG471SN1	10	470 Ω ±25%	600 Ω (Typ.)	200	0.85
2	BLM18HG601SN1	10	600 Ω ±25%	700 Ω (Typ.)	200	1.00
3	BLM18HG102SN1	10	1000 Ω ±25%	1000 Ω (Typ.)	100	1.60
4	BLM18HB121SN1	10	120 Ω ±25%	500 Ω ±40%	200	0.50
5	BLM18HB221SN1	10	220 Ω ±25%	1100 Ω ±40%	100	0.80
6	BLM18HB331SN1	10	330 Ω ±25%	1600 Ω ±40%	50	1.20
7	BLM18HD471SN1	10	470 Ω ±25%	1000 Ω (Typ.)	100	1.20
8	BLM18HD601SN1	10	600 Ω ±25%	1200 Ω (Typ.)	100	1.50

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No.	Part Number	Quantity (pcs.)	Impedance (at 100MHz, 20 degrees C)	Impedance (at 1GHz, 20 degrees C)	Rated Current (mA)	DC Resistance (Ω) max.
9	BLM18HD102SN1	10	1000 Ω ±25%	1700 Ω (Typ.)	50	1.80
10	BLM18HE601SN1	10	600 Ω ±25%	600 Ω (Typ.)	800	0.25
11	BLM18HE102SN1	10	1000 Ω ±25%	1000 Ω (Typ.)	600	0.35
12	BLM18HE152SN1	10	1500 Ω ±25%	1500 Ω (Typ.)	500	0.50
13	BLM18HK331SN1	10	330 Ω ±25%	400 Ω (Typ.)	200	0.50
14	BLM18HK471SN1	10	470 Ω ±25%	600 Ω (Typ.)	200	0.70
15	BLM18HK601SN1	10	600 Ω ±25%	700 Ω (Typ.)	100	0.90
16	BLM18HK102SN1	10	1000 Ω ±25%	1200 Ω (Typ.)	50	1.50
17	BLM18EG101TN1	10	100 Ω ±25%	140 Ω (Typ.)	2000	0.045
18	BLM18EG121SN1	10	120 Ω ±25%	145 Ω (Typ.)	2000	0.04
19	BLM18EG221TN1	10	220 Ω ±25%	300 Ω (Typ.)	1000	0.15
20	BLM18EG221SN1	10	220 Ω ±25%	260 Ω (Typ.)	2000	0.05
21	BLM18EG331TN1	10	330 Ω ±25%	450 Ω (Typ.)	500	0.21
22	BLM18EG391TN1	10	390 Ω ±25%	520 Ω (Typ.)	500	0.30
23	BLM18EG471SN1	10	470 Ω ±25%	550 Ω (Typ.)	500	0.21
24	BLM18EG601SN1	10	600 Ω ±25%	700 Ω (Typ.)	500	0.35
25	BLM18GG471SN1	10	470 Ω ±25%	1800 Ω ±30%	200	1.30

●EKEMBL21D (Chip Ferrite Beads 0805 Size / for Large-current P Type)

No.	Part Number	Quantity (pcs.)	Impedance typ. (at 100MHz, 20 degrees C)	Rated Current (mA)	DC Resistance (Ω) max.
1	BLM21AG121SN1	10	120 Ω ±25%	200	0.15
2	BLM21AG151SN1	10	150 Ω ±25%	200	0.15
3	BLM21AG221SN1	10	220 Ω ±25%	200	0.20
4	BLM21AG331SN1	10	330 Ω ±25%	200	0.25
5	BLM21AG471SN1	10	470 Ω ±25%	200	0.25
6	BLM21AG601SN1	10	600 Ω ±25%	200	0.30
7	BLM21AG102SN1	10	1000 Ω ±25%	200	0.45
8	BLM21BB050SN1	10	5 Ω ±25%	500	0.07
9	BLM21BB600SN1	10	60 Ω ±25%	200	0.20
10	BLM21BB750SN1	10	75 Ω ±25%	200	0.25
11	BLM21BB121SN1	10	120 Ω ±25%	200	0.25
12	BLM21BB221SN1	10	220 Ω ±25%	200	0.35
13	BLM21BB331SN1	10	330 Ω ±25%	200	0.40
14	BLM21BB471SN1	10	470 Ω ±25%	200	0.45
15	BLM21BD121SN1	10	120 Ω ±25%	200	0.25
16	BLM21BD221SN1	10	220 Ω ±25%	200	0.25
17	BLM21BD421SN1	10	420 Ω ±25%	200	0.30
18	BLM21BD471SN1	10	470 Ω ±25%	200	0.35
19	BLM21BD601SN1	10	600 Ω ±25%	200	0.35
20	BLM21BD102SN1	10	1000 Ω ±25%	200	0.40
21	BLM21BD152SN1	10	1500 Ω ±25%	200	0.45
22	BLM21BD182SN1	10	1800 Ω ±25%	200	0.50
23	BLM21BD222SN1	10	2250 Ω (Typ.)	200	0.60
24	BLM21BD222TN1	10	2200 Ω ±25%	200	0.60
25	BLM21BD272SN1	10	2700 Ω ±25%	200	0.80
26	BLM21PG220SN1	10	22 Ω ±25%	6000	0.01
27	BLM21PG300SN1	10	30 Ω (Typ.)	3000	0.015
28	BLM21PG600SN1	10	60 Ω ±25%	3000	0.025
29	BLM21PG221SN1	10	220 Ω ±25%	2000	0.050
30	BLM21PG331SN1	10	330 Ω ±25%	1500	0.09
31	BLM31PG330SN1	10	33 Ω ±25%	6000	0.01

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No.	Part Number	Quantity (pcs.)	Impedance typ. (at 100MHz, 20 degrees C)	Rated Current (mA)	DC Resistance (Ω) max.
32	BLM31PG500SN1	10	50 Ω (Typ.)	3000	0.025
33	BLM31PG121SN1	10	120 Ω ±25%	3000	0.025
34	BLM31PG391SN1	10	390 Ω (Typ.)	2000	0.05
35	BLM31PG601SN1	10	600 Ω (Typ.)	1500	0.09
36	BLM41PG600SN1	10	60 Ω (Typ.)	6000	0.01
37	BLM41PG750SN1	10	75 Ω (Typ.)	3000	0.025
38	BLM41PG181SN1	10	180 Ω (Typ.)	3000	0.025
39	BLM41PG471SN1	10	470 Ω (Typ.)	2000	0.05
40	BLM41PG102SN1	10	1000 Ω (Typ.)	1500	0.09

●EKEMNFMCB (Chip EMIFIL® Capacitor Type for Signal Lines)

No.	Part Number	Quantity (pcs.)	Capacitance	Rated Voltage (Vdc)	Rated Current (mA)	Insulation Resistance (M Ω min.)
1	NFM18CC220U1C3	10	22pF±20%	16	400	1000
2	NFM18CC470U1C3	10	47pF±20%	16	400	1000
3	NFM18CC101R1C3	10	100pF±20%	16	500	1000
4	NFM18CC221R1C3	10	220pF±20%	16	500	1000
5	NFM18CC471R1C3	10	470pF±20%	16	500	1000
6	NFM18CC102R1C3	10	1000pF±20%	16	600	1000
7	NFM18CC222R1C3	10	2200pF±20%	16	700	1000
8	NFM18CC223R1C3	10	22000pF±20%	16	1000	1000
9	NFM21CC220U1H3	10	22pF±20%	50	700	1000
10	NFM21CC470U1H3	10	47pF±20%	50	700	1000
11	NFM21CC101U1H3	10	100pF±20%	50	700	1000
12	NFM21CC221R1H3	10	220pF±20%	50	700	1000
13	NFM21CC471R1H3	10	470pF±20%	50	1000	1000
14	NFM21CC102R1H3	10	1000pF±20%	50	1000	1000
15	NFM21CC222R1H3	10	2200pF±20%	50	1000	1000
16	NFM21CC223R1H3	10	22000pF±20%	50	2000	1000

●EKEMFA31D (Chip EMIFIL® Capacitor Array Type/ RC Combined Array Type)

No.	Part Number	Quantity (pcs.)	Capacitance	Rated Voltage (Vdc)	Rated Current (mA)	Insulation Resistance (M Ω min.)
1	NFA31CC220S1E4	10	22pF±20%	25	200	1000
2	NFA31CC470S1E4	10	47pF±20%	25	200	1000
3	NFA31CC101S1E4	10	100pF±20%	25	200	1000
4	NFA31CC221S1E4	10	220pF±20%	25	200	1000
5	NFA31CC471R1E4	10	470pF±20%	25	200	1000
6	NFA31CC102R1E4	10	1000pF±20%	25	200	1000
7	NFA31CC222R1E4	10	2200pF±20%	25	200	1000
8	NFA31CC223R1C4	10	22000pF±20%	16	200	1000
9	NFA31GD1006R84	10	10pF±20%	6	50	1000
10	NFA31GD1004704	10	10pF±20%	6	20	1000
11	NFA31GD1001014	10	10pF±20%	6	15	1000
12	NFA31GD4706R84	10	47pF±20%	6	50	1000
13	NFA31GD4703304	10	47pF±20%	6	20	1000
14	NFA31GD4704704	10	47pF±20%	6	20	1000
15	NFA31GD4701014	10	47pF±20%	6	15	1000
16	NFA31GD1016R84	10	100pF±20%	6	50	1000
17	NFA31GD1014704	10	100pF±20%	6	20	1000

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No.	Part Number	Quantity (pcs.)	Capacitance	Rated Voltage (Vdc)	Rated Current (mA)	Insulation Resistance (MΩ min.)
18	NFA31GD1011014	10	100pF±20%	6	15	1000

●EKEMFL18E (Chip EMIFIL® LC Combined Type)

No.	Part Number	Quantity (pcs.)	Cut-off Frequency	Rated Voltage (Vdc)	Rated Current (mA)	Insulation Resistance (MΩ min.)	DC Resistance (Ω) max.
1	NFL18ST207X1C3	10	200MHz	16	150	1000	3.5
2	NFL18ST307X1C3	10	300MHz	16	200	1000	1.8
3	NFL18ST507X1C3	10	500MHz	16	200	1000	1.5
4	NFL18SP157X1A3	10	150MHz	10	100	1000	3.0
5	NFL18SP207X1A3	10	200MHz	10	100	1000	3.0
6	NFL18SP307X1A3	10	300MHz	10	100	1000	3.0
7	NFL18SP507X1A3	10	500MHz	10	100	1000	2.0
8	NFL21SP106X1C3	10	10MHz	16	100	1000	8.5
9	NFL21SP206X1C7	10	20MHz	16	100	1000	8.5
10	NFL21SP506X1C3	10	50MHz	16	150	1000	3.5
11	NFL21SP706X1C3	10	70MHz	16	150	1000	3.0
12	NFL21SP107X1C3	10	100MHz	16	200	1000	2.0
13	NFL21SP157X1C3	10	150MHz	16	200	1000	2.0
14	NFL21SP207X1C3	10	200MHz	16	250	1000	1.5
15	NFL21SP307X1C3	10	300MHz	16	300	1000	1.2
16	NFL21SP407X1C3	10	400MHz	16	300	1000	1.2
17	NFL21SP507X1C3	10	500MHz	16	300	1000	1.2

No.	Part Number	Quantity (pcs.)	Cut-off Frequency	Attenuation (dB min.)										Rated Current	Rated Voltage
				10MHz	20MHz	50MHz	100MHz	150MHz	200MHz	300MHz	400MHz	500MHz	1GHz		
18	NFW31SP106X1E4	10	10MHz	6dB max.	5	25	25	-	25	-	-	30	30	200mA	25V
19	NFW31SP206X1E4	10	20MHz	-	6dB max.	5	25	-	25	-	-	30	30	200mA	25V
20	NFW31SP506X1E4	10	50MHz	-	-	6dB max.	10	-	30	-	-	30	30	200mA	25V
21	NFW31SP107X1E4	10	100MHz	-	-	-	6dB max.	-	5	-	-	20	30	200mA	25V
22	NFW31SP157X1E4	10	150MHz	-	-	-	-	6dB max.	-	10	20	30	30	200mA	25V
23	NFW31SP207X1E4	10	200MHz	-	-	-	-	-	6dB max.	-	-	10	30	200mA	25V
24	NFW31SP307X1E4	10	300MHz	-	-	-	-	-	-	6dB max.	-	5	15	200mA	25V
25	NFW31SP407X1E4	10	400MHz	-	-	-	-	-	-	-	6dB max.	-	10	200mA	25V
26	NFW31SP507X1E4	10	500MHz	-	-	-	-	-	-	-	-	6dB max.	10	200mA	25V

●EKEMFA20E (Chip EMIFIL® LC Combined Array Type)

No.	Part Number	Quantity (pcs.)	Cut-off Frequency	Rated Voltage (Vdc)	Rated Current (mA)	Insulation Resistance (MΩ min.)
1	NFA18SL137V1A45	10	130MHz	10	50	1000
2	NFA18SL187V1A45	10	180MHz	10	50	1000
3	NFA18SL207V1A45	10	200MHz	10	50	1000
4	NFA18SL307V1A45	10	300MHz	10	100	1000
5	NFA18SL407V1A45	10	400MHz	10	100	1000
6	NFA18SL487V1A45	10	480MHz	10	100	1000
7	NFA21SL506X1A48	10	50MHz	10	20	1000
8	NFA21SL806X1A48	10	80MHz	10	20	1000
9	NFA21SL207X1A45	10	200MHz	10	100	1000
10	NFA21SL207X1A48	10	200MHz	10	100	1000
11	NFA21SL307X1A45	10	300MHz	10	100	1000
12	NFA21SL307X1A48	10	300MHz	10	100	1000

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Chip EMI Suppression Filter Design Kits

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No.	Part Number	Quantity (pcs.)	Cut-off Frequency	Rated Voltage (Vdc)	Rated Current (mA)	Insulation Resistance (MΩ min.)
13	NFA21SL287V1A45	10	280MHz	10	100	1000
14	NFA21SL287V1A48	10	280MHz	10	100	1000
15	NFA21SL317V1A45	10	310MHz	10	100	1000
16	NFA21SL317V1A48	10	310MHz	10	100	1000
17	NFA21SL337V1A45	10	330MHz	10	100	1000
18	NFA21SL337V1A48	10	330MHz	10	100	1000

●EKEMNFMPH (Chip EMIFIL® for Large Current)

No.	Part Number	Quantity (pcs.)	Capacitance	Rated Voltage (Vdc)	Rated Current (A)	Insulation Resistance (MΩ min.)
1	NFM18PC104R1C3	10	0.1μF±20%	16	2	1000
2	NFM18PC224R0J3	10	0.22μF±20%	6.3	2	1000
3	NFM18PC474R0J3	10	0.47μF±20%	6.3	2	1000
4	NFM18PC105R0J3	10	1μF±20%	6.3	2	500
5	NFM18PC225B0J3	10	2.2μF±20%	6.3	2	200
6	NFM18PC225B1A3	10	2.2μF±20%	10	4	200
7	NFM18PS474R0J3	10	0.47μF±20%	6.3	2	1000
8	NFM18PS105R0J3	10	1μF±20%	6.3	2	500
9	NFM21PC104R1E3	10	0.1μF±20%	25	2	1000
10	NFM21PC224R1C3	10	0.22μF±20%	16	2	1000
11	NFM21PC474R1C3	10	0.47μF±20%	16	2	1000
12	NFM21PC105B1A3	10	1μF±20%	10	4	500
13	NFM21PC105B1C3	10	1μF±20%	16	4	500
14	NFM21PC225B0J3	10	2.2μF±20%	6.3	4	200
15	NFM21PC475B1A3	10	4.7μF±20%	10	6	100
16	NFE31PC276B0J3	10	27μF±20%	6.3	6	20
17	NFE31PT152Z1E9	10	1500pF +50/-20%	25	6	1000
18	NFE31PT222Z1E9	10	2200pF±50%	25	6	1000
19	NFE61PT102E1H9	10	1000pF +80/-20%	50	2	1000
20	NFE61PT472C1H9	10	4700pF +80/-20%	50	2	1000
21	NFM41PC204F1H3	10	0.2μF +80/-20%	50	2	1000
22	NFM41PC155B1E3	10	1.5μF±20%	25	6	300

●EKEMDL21J (Chip Common Mode Choke Coils)

No.	Part Number	Quantity (pcs.)	Common Mode Impedance (at 100MHz, 20 degrees C)	Rated Voltage (Vdc)	Rated Current (mA)	Insulation Resistance (MΩ min.)
1	DLW21HN670SQ2	10	67Ω±25%	50	330	10
2	DLW21HN900SQ2	10	90Ω±25%	50	330	10
3	DLW21HN121SQ2	10	120Ω±25%	50	280	10
4	DLW21HN181SQ2	10	180Ω±25%	50	250	10
5	DLW21SN670SQ2	10	67Ω±25%	50	400	10
6	DLW21SN900SQ2	10	90Ω±25%	50	330	10
7	DLW21SN121SQ2	10	120Ω±25%	50	370	10
8	DLW21SN181SQ2	10	180Ω±25%	50	330	10
9	DLW21SN261SQ2	10	260Ω±25%	50	300	10
10	DLW21SN371SQ2	10	370Ω±25%	50	280	10
11	DLW21SN670HQ2	10	67Ω±25%	20	320	10
12	DLW21SN900HQ2	10	90Ω±25%	20	280	10
13	DLW21SN121HQ2	10	120Ω±25%	20	280	10
14	DLW21SR670HQ2	10	67Ω±25%	20	400	10

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Chip EMI Suppression Filter Design Kits

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No.	Part Number	Quantity (pcs.)	Common Mode Impedance (at 100MHz, 20 degrees C)	Rated Voltage (Vdc)	Rated Current (mA)	Insulation Resistance (MΩ min.)
15	DLP0NSN670HL2	10	67Ω±20%	5	110	100
16	DLP0NSN900HL2	10	90Ω±20%	5	100	100
17	DLP0NSN121HL2	10	120Ω±20%	5	90	100
18	DLP11SN670SL2	10	67Ω±20%	5	180	100
19	DLP11SN121SL2	10	120Ω±20%	5	140	100
20	DLP11SN161SL2	10	160Ω±20%	5	120	100
21	DLP11SN900HL2	10	90Ω±20%	5	150	100
22	DLP11SN201HL2	10	200Ω±20%	5	110	100
23	DLP11SN241HL2	10	240Ω±20%	5	100	100
24	DLP11SN281HL2	10	280Ω±20%	5	90	100
25	DLP11SN331HL2	10	330Ω±20%	5	80	100
26	DLP11SA350HL2	10	35Ω±25%	5	170	100
27	DLP11SA670HL2	10	67Ω±25%	5	150	100
28	DLP11SA900HL2	10	90Ω±25%	5	150	100
29	DLP2ADN670HL4	10	67Ω±20%	5	140	100
30	DLP2ADN900HL4	10	90Ω±20%	5	130	100
31	DLP2ADN121HL4	10	120Ω±20%	5	120	100
32	DLP2ADN161HL4	10	160Ω±20%	5	100	100
33	DLP2ADN201HL4	10	200Ω±20%	5	90	100
34	DLP2ADN241HL4	10	240Ω±20%	5	80	100
35	DLP2ADN281HL4	10	280Ω±20%	5	80	100

●EKEMDCC5B (Chip Common Mode Choke Coils for DC Power Line / SMD Block type EMIFIL[®] for Power Line)

No.	Part Number	Quantity (pcs.)	Common Mode Impedance (at 100MHz, 20 degrees C)	Rated Voltage (Vdc)	Rated Current (mA)	Insulation Resistance (MΩ min.)
1	DLW5AHN402SQ2	5	4000Ω (Typ.)	50	200	10
2	DLW5BSN191SQ2	5	190Ω (Typ.)	50	5000	10
3	DLW5BSN351SQ2	5	350Ω (Typ.)	50	2000	10
4	DLW5BSN102SQ2	5	1000Ω (Typ.)	50	1500	10
5	DLW5BSN152SQ2	5	1500Ω (Typ.)	50	1000	10
6	DLW5BSN302SQ2	5	3000Ω (Typ.)	50	500	10
7	DLW5BTN101SQ2	5	100Ω (Typ.)	50	6000	10
8	DLW5BTN251SQ2	5	250Ω (Typ.)	50	5000	10
9	DLW5BTN501SQ2	5	500Ω (Typ.)	50	4000	10
10	DLW5BTN102SQ2	5	1000Ω (Typ.)	50	2000	10
11	DLW5BTN142SQ2	5	1400Ω (Typ.)	50	1500	10

No.	Part Number	Quantity (pcs.)	Insertion Loss	Rated Voltage (Vdc)	Rated Current (A)	Insulation Resistance (MΩ min.)
12	BNX022-01	5	1MHz to 1GHz: 35dB min.	50	10	500
13	BNX023-01	5	1MHz to 1GHz: 35dB min.	100	15	500