



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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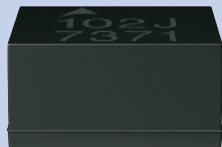
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EPCOS Sample Kit 2012

Chip Inductors

SIMID 1210-100, B82422X100



SMT Inductors – SIMID 1210-100

L_R	μH	0.015	0.022	0.033	0.047	0.068	0.10	0.15	0.22
Q _{min}		27	30	20	26	27	25	25	25
f _L	MHz	10	10	10	10	10	10	1	1
f _Q	MHz	100	100	50	50	50	50	30	30
I _R	mA	640	600	540	510	480	440	390	280
R _{max}	Ω	0.12	0.14	0.17	0.19	0.21	0.26	0.33	0.64
f _{res, min}	MHz	3000	2500	1700	1350	1150	1000	850	700
Ord. code	B82422	A3150K100	A3220K100	A3330K100	A3470K100	A3680K100	A3101K100	A3151K100	A3221K100
L_R	μH	0.33	0.47	0.68	1.0	1.5	2.2	3.3	4.7
Q _{min}		22	22	22	20	20	25	27	27
f _L	MHz	1	1	1	1	1	1	1	1
f _Q	MHz	30	30	30	7.96	7.96	7.96	7.96	7.96
I _R	mA	200	150	145	380	340	270	200	150
R _{max}	Ω	1.3	2.2	2.4	0.34	0.50	0.75	1.20	2.20
f _{res, min}	MHz	580	480	280	320	270	125	110	110
Ord. code	B82422	A3331K100	A3471K100	A3681K100	A1102K100	A1152K100	A1222K100	A1332K100	A1472K100
L_R	μH	6.8	10	15	22	33	47	68	100
Q _{min}		27	27	27	27	27	27	27	27
f _L	MHz	1	1	0.1	0.1	0.1	0.1	0.1	0.1
f _Q	MHz	7.96	2.52	2.52	2.52	2.52	2.52	2.52	2.52
I _R	mA	135	180	165	140	105	85	80	65
R _{max}	Ω	2.80	1.60	1.85	2.65	4.50	7.00	7.70	11.5
f _{res, min}	MHz	90	25	20	16	13	11	9	7
Ord. code	B82422	A1682K100	A1103K100	A1153K100	A1223K100	A1333K100	A1473K100	A1683K100	A1104K100

SIMID® is a registered trademark. Tolerance: K ± 10%. Additional values upon request.



0.015 μH



0.022 μH



0.033 μH



0.047 μH



0.068 μH



0.10 μH



0.15 μH



0.22 μH



0.33 μH



0.47 μH



0.68 μH



1.0 μH



1.5 μH



2.2 μH



3.3 μH



4.7 μH



6.8 μH



10 μH



15 μH



22 μH



33 μH



47 μH



68 μH



100 μH

Important information: It is incumbent on the customer to check and decide whether a product is suitable for use in a particular application. Our products are described in detail in our data sheets. Our *Important notes* and the product-specific *Cautions and warnings* must be observed. All relevant information is available through our sales offices.