

Inductors

Sample kits

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Sample kits

Whether for design-ins, testing or finding your way around – in daily development chores a ready accessible selection of samples is essential. We've composed a number of handy sample kits for you with the most common ratings.

Why not try them out?



Sample kit	Туре	Inductance ratings	Ordering code		
SMT inductors					
Chip Inductors	SIMID 0603-C	nH 1.5 / 1.8 / 2.2 / 2.7 / 3.3 / 3.9 / 4.7 / 5.6 / 6.8 / 8.2 / 10 / 12 / 15 / 18 / 22 / 27 / 33 / 39 / 47 / 56 / 68 / 82 / 100 / 220	B82496X001		
Chip inductors.	SIMID 0805-F	nH 2.7/5.6/6.8/8.2/10/12/15/18/ 22/27/33/39/47/56/68/82/ 100/120/150/220/330/470/ 680/820	B82498X001		
Chip inductors	SIMID 1210-T	μH 0.015 / 0.022 / 0.033 / 0.047 / 0.068 / 0.10 / 0.15 / 0.22 / 0.33 / 0.47 / 0.68 / 1.0 / 1.5 / 2.2 / 3.3 / 4.7 / 6.8 / 10 / 15 / 22 / 33 / 47 / 68 / 100	B82422X001		



Sample kits

Sample kit	Туре	Inductance ratings	Ordering code		
Enips inductions:	SIMID 1210-100	$\begin{array}{l} \mu H \\ 0.015 / 0.022 / 0.033 / 0.047 / \\ 0.068 / 0.10 / 0.15 / 0.22 / 0.33 / \\ 0.47 / 0.68 / 1.0 / 1.5 / 2.2 / 3.3 / 4.7 / \\ 6.8 / 10 / 15 / 22 / 33 / 47 / 68 / 100 \end{array}$	B82422X100		
SMT inductors SMT-inductors SMT-inductivitien	SIMID 1210-H	μH 0.10/0.15/0.22/0.33/0.47/0.68/ 1/1.5/2.2/3.3/4.7/6.8/10/15/ 22/33/47/68/100/150/220/ 330/470/680	B82422X002		
EFCS STG Ghip-nauktivitateh Chip Inductors:	SIMID 1812-T	μH 1/1.5/1.8/2.2/3.3/3.9/4.7/6.8/ 8.2/10/15/18/22/33/39/47/ 68/100/150/220/330/470/ 680/1000	B82432X001		
Enco Chip Inductors	SIMID 1812-C	μH 1/1.5/1.8/2.2/3.3/3.9/4.7/6.8/ 8.2/10 15/18/22/33/39/47/ 68/100/150/220/330/470/ 680/1000	B82432X002		
Chip inductors:	SIMID 2220-A SIMID 2220-H	μH 1 / 4.7 / 10 / 47 / 100 / 470 / 1000 / 4700 / 10 000 High-current values: 330 / 1000	B82442X001		
SMT power inductors					
Power-Induktivitäten Power-Inductors	B82462A4 B82462G4	μH 1/1.5/2.2/3.3/4.7/6.8/10/15/ 22/33/47/68/100/150/220/ 330	B82462X004		
Power Inductors	B82464A4 B82464G4	μH 1/1.5/2.2/3.3/4.7/6.8/10/15/ 22/33/47/68/100/220/470/ 1000	B82464X004		
SMT Power Inductors	B82471A1/473A1/475A1; B82472G4/G6; B82476A1; B82477G2/G4; B82479A1/G1	μH 10 / 22 / 47 / 100 / 220	B8247XX001		



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EPCOS B MASSES	B82559*A013	μH 0.5 / 0.95 / 1.1 / 1.4 / 2.2 / 2.4 / 3.0 / 3.9	B82559X001			
High-Power Inductors	B82559*A025	0.44 / 1.25 / 2.3 / 2.9 / 4.35 / 6.1 / 7.9 / 10	B82559X002			
Chokes for data and signal lines						
EPCOS	B82789C0*/S0* CAN bus double choke	μH 11 / 22 / 51 / 100	B82789X001			
SMD Data Line Chokes						
EPCOS	B82799 CAN bus double choke	μH 11 / 22 / 33 / 51 / 100 / 220 / 330 / 470	B82799X001			
SMD-Datenleitungsdrosseln SMD Data Line Chokes						
EPCOS	B82793C0*/S0* Double choke	μH 11 / 25 / 51 / 470 / 1000 / 2200 /	B82793X001			
SMD Data Line Chokes	(open design)	4700				
EPCOS	B82790C0*/S0* Double choke	μH 11 / 25 / 51 / 470 / 1000 / 2200 /	B82790X001			
SMD-Datenleitungsdrosseln SMD-Bain Line Chokes	(closed design)	4700				
Chokes for pow	Chokes for power lines					
EPCOS	B82731M D core choke	mH 3.3 / 6.8 / 10 / 15 / 27 / 39 / 47	B82731X001			
Drosseln für Netzansverigungen Chokes for Power Lines						
Drosseln für Netzanwendungen Chokes for Power Lines	B82731T E core choke	mH 3.3 / 6.8 / 10 / 15 / 27 / 39 / 47 / 68 / 100	B82731X002			



Cautions and warnings

- Please note the recommendations in our Inductors data book (latest edition) and in the data sheets.
 - Particular attention should be paid to the derating curves given there.
 - The soldering conditions should also be observed. Temperatures quoted in relation to wave soldering refer to the pin, not the housing.
- If the components are to be washed varnished it is necessary to check whether the washing varnish agent that is used has a negative effect on the wire insulation, any plastics that are used, or on glued joints. In particular, it is possible for washing varnish agent residues to have a negative effect in the long-term on wire insulation.
- The following points must be observed if the components are potted in customer applications:
 - Many potting materials shrink as they harden. They therefore exert a pressure on the plastic housing or core. This pressure can have a deleterious effect on electrical properties, and in extreme cases can damage the core or plastic housing mechanically.
 - It is necessary to check whether the potting material used attacks or destroys the wire insulation, plastics or glue.
 - The effect of the potting material can change the high-frequency behaviour of the components.
- Ferrites are sensitive to direct impact. This can cause the core material to flake, or lead to breakage of the core.
- Even for customer-specific products, conclusive validation of the component in the circuit can only be carried out by the customer.



Important notes

The following applies to all products named in this publication:

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