

FASTRON helps streamline your design process with Engineer's Kits. Each value compartment is labelled and removable for ease of handling. Values in the Engineer Kit may vary based upon product availability.

Chip Inductor AS



0402AS Chip Inductor (Ceramic Core)

EK-0402AS-Std STD tol
EK-0402AS-J 5% tol
EK-0402AS-G 2% tol
Inductance: 0.9nH-220nH
28 values, 10 pieces each

0603AS Chip Inductor (Ceramic Core)

EK-0603AS-Std STD tol
EK-0603AS-J 5% tol
EK-0603AS-G 2% tol
Inductance: 1.2nH-1200nH
28 values, 10 pieces each

0805AS Chip Inductor (Ceramic Core)

EK-0805AS-Std STD tol
EK-0805AS-J 5% tol
EK-0805AS-G 2% tol
Inductance: 2.7nH -10000nH
28 values, 10 pieces each

1008AS Chip Inductor (Ceramic Core)

EK-1008AS-Std STD tol
EK-1008AS-J 5% tol
EK-1008AS-G 2% tol
Inductance: 4.7nH-12000nH
28 values, 10 pieces each

1206AS Chip Inductor (Ceramic Core)

EK-1206AS-Std STD tol
EK-1206AS-J 5% tol
EK-1206AS-G 2% tol
Inductance: 3.3nH-1200nH
28 values, 10 pieces each

1210AS Chip Inductor (Ceramic Core)

EK-1210AS-Std STD tol
EK-1210AS-J 5% tol
EK-1210AS-G 2% tol
Inductance: 10nH-15000nH
28 values, 10 pieces each

1812AS Chip Inductor (Ceramic Core)

EK-1812AS-Std STD tol
EK-1812AS-J 5% tol
EK-1812AS-G 2% tol
Inductance: 0.015uH-82uH
19 values, 10 pieces each



Chip Inductor AQ



0603AQ Chip Inductor Exceptionally High Q (Ceramic Core)

EK-0603AQ-Std STD tol
Inductance: 0.15nH-220nH
16 values, 10 pieces each

0805AQ Chip Inductor Exceptionally High Q (Ceramic Core)

EK-0805AQ-Std STD tol
EK-0805AQ-G 2% tol
Inductance: 2.5nH-56nH
16 values, 10 pieces each

Chip Inductor F



0402F Chip Inductor (Ferrite Core)

EK-0402F-K 10% tol
EK-0402F-J 5% tol
Inductance: 20nH-270nH
12 values, 10 pieces each

0603F Chip Inductor (Ferrite Core)

EK-0603F-K 10% tol
EK-0603F-J 5% tol
Inductance: 47nH-2200nH
17 values, 10 pieces each

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0805F Chip Inductor (Ferrite Core)

EK-0805F-K 10% tol
EK-0805F-J 5% tol
Inductance: 0.68uH-22uH
18 values, 10 pieces each

1008F Chip Inductor (Ferrite Core)

EK-1008F-K 10% tol
EK-1008F-J 5% tol
Inductance: 1.0uH-100uH
21 values, 10 pieces each

1206F Chip Inductor (Ferrite Core)

EK-1206F-K 10% tol
EK-1206F-J 5% tol
Inductance: 1uH-100uH
14 values, 10 pieces each

1210F Chip Inductor (Ferrite Core)

EK-1210F-K 10% tol
EK-1210F-J 5% tol
Inductance: 0.1uH-1000uH
28 values, 10 pieces each

Chip Inductor AF



1812AF Chip Inductor (Ceramic & Ferrite Core)

EK-1812AF-K 10% tol
EK-1812AF-J 5% tol
Inductance: 3.9uH-2200uH
26 values, 10 pieces each

Shielded Chip Ind. FPS



1212FPS Chip Inductor
Shielded (Ferrite Core)
EK-1212AF-Std STD tol
Inductance: 1.0uH-100uH
12 values, 3 pieces each

Shielded Chip Ind. FPS



1616FPS Chip Inductor
Shielded (Ferrite Core)
EK-1616AF-Std STD tol
Inductance: 0.82uH-220uH
18 values, 3 pieces each

242408FPS Chip Inductor
Shielded (Ferrite Core)
EK-242408AF-Std STD tol
Inductance: 0.5uH-47uH
13 values, 3 pieces each

242418FPS Chip Inductor
Shielded (Ferrite Core)
EK-242418AF-Std STD tol
Inductance: 1.0uH-220uH
21 values, 3 pieces each

Transponder Coils



1812AFTC Transponder Coil
(Ceramic & Ferrite Core)
EK-1812AFTC-K 10% tol
Inductance: 0.40mH-7.36mH
10 values, 10 pieces each

Transponder Coils



4408AF Transponder Coil
(Ceramic & Ferrite Core)
EK-4408AF-K 10% tol
EK-4408AF-J 5% tol
Inductance: 0.37mH-16.2mH
19 values, 10 pieces each

Transponder Coils



4408AQ Transponder Coil
Exceptionally High Q
(Ceramic & Ferrite Core)
EK-4408AQ-Std STD tol
Inductance: 0.70mH-13.5mH
13 values, 10 pieces each

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Power Inductor



PISG Power Inductor
Leadfree Tinned Terminal
(Ferrite Core, Ceramic Base)
EK-PISG-M 20% tol
Inductance: 1.0uH-10000uH
19 values, 3 pieces each

PISL Power Inductor
(Ferrite Core, Plastic Base)
EK-PISL-M 20% tol
Inductance: 15uH-6800uH
12 values, 3 pieces each

PISM Power Inductor
(Ferrite Core, Plastic Base)
EK-PISM-M 20% tol
Inductance: 1.0uH-2200uH
19 values, 3 pieces each

PISP Power Inductor
(Ferrite Core, Plastic Base)
EK-PISP-M 20% tol
Inductance: 6.8uH-10000uH
16 values, 2 pieces each

PISN Power Inductor
(Ferrite Core, Plastic Base)
EK-PISN-M 20% tol
Inductance: 10uH-10000uH
13 values, 2 pieces each

PISR Power Inductor
(Ferrite Core, Plastic Base)
EK-PISR-M 20% tol
Inductance: 1.0uH-10000uH
21 values, 2 pieces each

PIST Power Inductor

(Ferrite Core, Plastic Base)
EK-PIST-K 10% tol
Inductance: 10uH-10000uH
21 values, 2 pieces each

Power Inductor Shielded



PISA2408 Power Inductor
Magnetically Shielded
(Ferrite Core, Plastic Base)
EK-PISA2408-M 20% tol
Inductance: 2.9uH-330uH
20 values, 3 pieces each

PISA2416 Power Inductor
Magnetically Shielded
(Ferrite Core, Plastic Base)
EK-PISA2416-M 20% tol
Inductance: 4.7uH-1000uH
25 values, 3 pieces each

PISA2812 Power Inductor
Magnetically Shielded
(Ferrite Core, Plastic Base)
EK-PISA2812-M 20% tol
Inductance: 1uH-1000uH
25 values, 3 pieces each

PISA2816 Power Inductor
Magnetically Shielded
(Ferrite Core, Plastic Base)
EK-PISA2816-M 20% tol
Inductance: 2.2uH-1000uH
25 values, 3 pieces each

PISA4119 Power Inductor

Magnetically Shielded
(Ferrite Core, Plastic Base)
EK-PISA4119-Std STD tol
Inductance: 1.0uH-1000uH
19 values, 2 pieces each

PISA4716 Power Inductor

Magnetically Shielded
(Ferrite Core, Plastic Base)
EK-PISA4716-M 20% tol
Inductance: 3.3uH-330uH
23 values, 2 pieces each

PISA4720 Power Inductor
Magnetically Shielded
(Ferrite Core, Plastic Base)
EK-PISA4720-M 20% tol
Inductance: 1.3uH-1000uH
28 values, 2 pieces each

PISA4728 Power Inductor
Magnetically Shielded
(Ferrite Core, Plastic Base)
EK-PISA4728-M 20% tol
Inductance: 1.2uH-1500uH
28 values, 2 pieces each

Values in the Engineer's Kit may vary based upon product availability. Fastron reserves the right to make limited value/ tolerance substitutions when necessary. Inductance range will vary. Please advise of required inductance values at time of purchase.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Fastron:

[EK-0603AS-J](#) [EK-1008AS-J](#) [EK-0805AS-J](#) [EK-0402AS-J](#) [EK-1210AS-J](#) [EK-1812AF-K](#) [EK-PISP-M](#) [EK-PIST-K](#)
[EK-PISA2408-M](#) [EK-PISA2416-M](#) [EK-PISA2812-M](#) [EK-PISA4119-Std](#) [EK-1206F-J](#) [EK-1206F-K](#) [EK-1812AS-J](#) [EK-](#)
[1812AS-G](#) [EK-1812AS-Std](#) [EK-PISM-M](#) [EK-1812AF-J](#) [EK-1812AFTC-K](#) [EK-PISG-M](#) [EK-PISN-M](#) [EK-PISA4720-M](#)
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[EK-0805F-J](#) [EK-0805F-K](#) [EK-242408AF-Std](#) [EK-0402F-J](#) [EK-0402F-K](#) [EK-242418AF-Std](#) [EK-4408AF-J](#) [EK-](#)
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[1616AF-Std](#)