

# High Frequency Monolithic Inductor Part Number Cross Reference



This guide provides the necessary information to derive an equivalent Johanson Technology part number from another vendor's part number. Johanson Technology Inc. supplies the information contained herein based on the vendor data available at the time of publication and for reference only. Vendors frequently change part number designations and device specifications. Critical characteristics should be evaluated on an in circuit basis and be specified in a source control drawing.

## COMPETITIVE OVERVIEW

VENDOR	SIZE 0201 (0603)		SIZE 0402 (1005)		SIZE 0603 (1608)		SIZE 0805 (1210)	
	RANGE	P/N	RANGE	P/N	RANGE	P/N	RANGE	P/N
JOHANSON	1.0 - 33 nH	L-05C1N2SV6	1.0 - 120 nH	L-07C1N2SV6	1.0 - 220 nH	L-14C1N2SV	1.5 - 680 nH	L-15C10N#V4
TOKO	1.0 - 33 nH	LLV0603-F1N2S	1.0 - 100 nH	LL1005-FH1N2S	1.2 - 220 nH	LL1608-FS1N2S	1.5 - 680 nH	LL2012-FH10N#
TAIYO-YUDEN	1.0 - 47 nH	HK0603-1N2S	1.0 - 120 nH	HK10051N2S-T	1.0 - 220 nH	HK16081N2S-T	1.5 - 470 nH	HK212510N#-T
TDK			1.0 - 100 nH	MLK1005S1N2ST	1.0 - 100 nH	MLG1608B1N2ST		
MURATA	1.0 - 15 nH	LQP03TN1N2C00	1.2 - 33 nH	LQG15HN1N2S02	1.2 - 100 nH	LQG18HN1N2S00		
BOURNS			1.0 - 100 nH	CI100505-1N2D	1.0 - 100 nH	CI160808-1N2D	1.5 - 270 nH	CI201210-10NJ
PANASONIC	1.0 - 22 nH	ELJRG1N2DF	1.0 - 100 nH	ELJRF1N2DF2	1.0 - 220 nH	ELJRE1N2DF2	10 - 680 nH	ELJND10NKF



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SIZE	VALUE	JOHANSON	TOKO	TAIYO YUDEN	TDK	MURATA	BOURNS	PANASONIC
0201	1.0 nH	L-05C1N0SV6T	LLV0603-F1N0S	HK0603-1N0S-T		LQP03TN1N0C00		ELJRG1N0DF
0201	1.2 nH	L-05C1N2SV6T	LLV0603-F1N2S	HK0603-1N2S-T		LQP03TN1N2C00		ELJRG1N2DF
0201	1.5 nH	L-05C1N5SV6T	LLV0603-F1N5S	HK0603-1N5S-T		LQP03TN1N5C00		ELJRG1N5DF
0201	1.8 nH	L-05C1N8SV6T	LLV0603-F1N8S	HK0603-1N8S-T		LQP03TN1N8C00		ELJRG1N8DF
0201	2.2 nH	L-05C2N2SV6T	LLV0603-F2N2S	HK0603-2N2S-T		LQP03TN2N2C00		ELJRG2N2DF
0201	2.7 nH	L-05C2N7SV6T	LLV0603-F2N7S	HK0603-2N7S-T		LQP03TN2N7C00		ELJRG2N7DF
0201	3.3 nH	L-05C3N3@V6T	LLV0603-F3N3S	HK0603-3N3S-T		LQP03TN3N3C00		ELJRG3N3DF
0201	3.9 nH	L-05C3N9@V6T	LLV0603-F3N9S	HK0603-3N9S-T		LQP03TN3N9C00		ELJRG3N9DF
0201	4.7 nH	L-05C4N7@V6T	LLV0603-F4N7S	HK0603-4N7S-T		LQP03TN4N7J00		ELJRG4N7DF
0201	5.6 nH	L-05C5N6@V6T	LLV0603-F5N6S	HK0603-5N6S-T		LQP03TN5N6J00		ELJRG5N6DF
0201	6.8 nH	L-05C6N8#V6T	LLV0603-F6N8J	HK0603-6N8J-T		LQP03TN6N8J00		ELJRG6N8JF
0201	8.2 nH	L-05C8N2#V6T	LLV0603-F8N2J	HK0603-8N2J-T		LQP03TN8N2J00		ELJRG8N2JF
0201	10 nH	L-05C10N#V6T	LLV0603-F10NJ	HK0603-10NJ-T		LQP03TN10NJ00		ELJRG10NJF
0201	12 nH	L-05C12N#V6T	LLV0603-F12NJ	HK0603-12NJ-T		LQP03TN12NJ00		ELJRG12NJF
0201	15 nH	L-05C15N#V6T	LLV0603-F15NJ	HK0603-15NJ-T		LQP03TN15NJ00		ELJRG15NJF
0201	18 nH	L-05C18N#V6T	LLV0603-F18NJ	HK0603-18NJ-T				ELJRG18NJF
0201	22 nH	L-05C22N#V6T	LLV0603-F22NJ	HK0603-22NJ-T				ELJRG22NJF
0201	27 nH	L-05C27N#V6T	LLV0603-F27NJ	HK0603-27NJ-T				
0201	33 nH	L-05C33N#V6T	LLV0603-F33NJ	HK0603-33NJ-T				
0402	1.0 nH	L-05C1N0SV6T	LL1005-FH1N0S	HK10051N0S-T	MLK1005S1N0ST	LQG15HN1N0S02	CI100505-1N0D	
0402	1.2 nH	L-05C1N2SV6T	LL1005-FH1N2S	HK10051N2S-T	MLK1005S1N2ST	LQG15HN1N2S02	CI100505-1N2D	ELJRF1N2DF2
0402	1.5 nH	L-07C1N5SV6T	LL1005-FH1N5S	HK10051N5S-T	MLK1005S1N5ST	LQG15HN1N5S02	CI100505-1N5D	ELJRF1N5DF2
0402	1.8 nH	L-07C1N8SV6T	LL1005-FH1N8S	HK10051N8S-T	MLK1005S1N8ST	LQG15HN1N8S02	CI100505-1N8D	ELJRF1N8DF2
0402	2.2 nH	L-07C2N2SV6T	LL1005-FH2N2S	HK10052N2S-T	MLK1005S2N2ST	LQG15HN2N2S02	CI100505-2N2D	ELJRF2N2DF2
0402	2.7 nH	L-07C2N7SV6T	LL1005-FH2N7S	HK10052N7S-T	MLK1005S2N7ST	LQG15HN2N7S02	CI100505-2N7D	ELJRF2N7DF2
0402	3.3 nH	L-07C3N3@V6T	LL1005-FH3N3@	HK10053N3@-T	MLK1005S3N3ST	LQG15HN3N3S02	CI100505-3N3D	ELJRF3N3DF2
0402	3.9 nH	L-07C3N9@V6T	LL1005-FH3N9@	HK10053N9@-T	MLK1005S3N9ST	LQG15HN3N9S02	CI100505-3N9D	ELJRF3N9DF2
0402	4.7 nH	L-07C4N7@V6T	LL1005-FH4N7@	HK10054N7@-T	MLK1005S4N7ST	LQG15HN4N7S02	CI100505-4N7D	ELJRF4N7DF2
0402	5.6 nH	L-07C5N6@V6T	LL1005-FH5N6@	HK10055N6@-T	MLK1005S5N6ST	LQG15HN5N6S02	CI100505-5N6D	ELJRF5N6DF2
0402	6.8 nH	L-07C6N8#V6T	LL1005-FH6N8#	HK10056N8#-T	MLK1005S6N8ST	LQG15HN6N8J02	CI100505-6N8J	ELJRF6N8JF2
0402	8.2 nH	L-07C8N2#V6T	LL1005-FH8N2#	HK10058N2#-T	MLK1005S8N2ST	LQG15HN8N2J02	CI100505-8N2J	ELJRF8N2JF2
0402	10 nH	L-07C10N#V6T	LL1005-FH10N#	HK100510N#-T	MLK1005S10NJT	LQG15HN10NJ02	CI100505-10NJ	ELJRF10NJF2
0402	12 nH	L-07C12N#V6T	LL1005-FH12N#	HK100512N#-T	MLK1005S12NJT	LQG15HN12NJ02	CI100505-12NJ	ELJRF12NJF2
0402	15 nH	L-07C15N#V6T	LL1005-FH15N#	HK100515N#-T	MLK1005S15NJT	LQG15HN15NJ02	CI100505-15NJ	ELJRF15NJF2
0402	18 nH	L-07C18N#V6T	LL1005-FH18N#	HK100518N#-T	MLK1005S18NJT	LQG15HN18NJ02	CI100505-18NJ	ELJRF18NJF2
0402	22 nH	L-07C22N#V6T	LL1005-FH22N#	HK100522N#-T	MLK1005S22NJT	LQG15HN22NJ02	CI100505-22NJ	ELJRF22NJF2
0402	27 nH	L-07C27N#V6T	LL1005-FH27N#	HK100527N#-T	MLK1005S27NJT	LQG15HN27NJ02	CI100505-27NJ	ELJRF27NJF2
0402	33 nH	L-07C33N#V6T	LL1005-FH33N#	HK100533N#-T	MLK1005S33NJT	LQG15HN33NJ02	CI100505-33NJ	ELJRF33NJF2
0402	39 nH	L-07C39N#V6T	LL1005-FH39N#	HK100539N#-T	MLK1005S39NJT	LQG15HN39NJ02	CI100505-39NJ	ELJRF39NJF2
0402	47 nH	L-07C47N#V6T	LL1005-FH47N#	HK100547N#-T	MLK1005S47NJT	LQG15HN47NJ02	CI100505-47NJ	ELJRF47NJF2
0402	56 nH	L-07C56N#V6T	LL1005-FH56N#	HK100556N#-T	MLK1005S56NJT	LQG15HN56NJ02	CI100505-56NJ	ELJRF56NJF2
0402	68 nH	L-07C68N#V6T	LL1005-FH68N#	HK100568N#-T	MLK1005S68NJT	LQG15HN68NJ02	CI100505-68NJ	ELJRF68NJF2
0402	82 nH	L-07C82N#V6T	LL1005-FH82N#	HK100582N#-T	MLK1005S82NJT	LQG15HN82NJ02	CI100505-82NJ	ELJRF82NJF2
0402	100 nH	L-07CR10#V6T	LL1005-FHR10#	HK1005R10#-T	MLK1005SR10JT	LQG15HNR10J02	CI100505-R10J	ELJRFR10JF2
0402	120 nH	L-07CR12#V6T				LQG15HNR12J02		
0603	1.0 nH	L-14C1N0SV*E		HK16081N0S-T	MLG1608B1N0ST		CI160808-1N0D	ELJRE1N0DF2
0603	1.2 nH	L-14C1N2SV*E	LL1608-FS1N2S	HK16081N2S-T	MLG1608B1N2ST	LQG18HN1N2S00	CI160808-1N2D	ELJRE1N2DF2
0603	1.5 nH	L-14C1N5SV*E	LL1608-FS1N5S	HK16081N5S-T	MLG1608B1N5ST	LQG18HN1N5S00	CI160808-1N5D	ELJRE1N5DF2
0603	1.8 nH	L-14C1N8SV*E	LL1608-FS1N8S	HK16081N8S-T	MLG1608B1N8ST	LQG18HN1N8S00	CI160808-1N8D	ELJRE1N8DF2
0603	2.2 nH	L-14C2N2SV*E	LL1608-FS2N2S	HK16082N2S-T	MLG1608B2N2ST	LQG18HN2N2S00	CI160808-2N2D	ELJRE2N2DF2
0603	2.7 nH	L-14C2N7SV*E	LL1608-FS2N7S	HK16082N7S-T	MLG1608B2N7ST	LQG18HN2N7S00	CI160808-2N7D	ELJRE2N7DF2
0603	3.3 nH	L-14C3N3@V*E	LL1608-FS3N3@	HK16083N3@-T	MLG1608B3N3@T	LQG18HN3N3S00	CI160808-3N3D	ELJRE3N3DF2
0603	3.9 nH	L-14C3N9@V*E	LL1608-FS3N9@	HK16083N9@-T	MLG1608B3N9@T	LQG18HN3N9S00	CI160808-3N9D	ELJRE3N9JF2
0603	4.7 nH	L-14C4N7@V*E	LL1608-FS4N7@	HK16084N7@-T	MLG1608B4N7@T	LQG18HN4N7S00	CI160808-4N7D	ELJRE4N7JF2
0603	5.6 nH	L-14C5N6@V*E	LL1608-FS5N6@	HK16085N6@-T	MLG1608B5N6@T	LQG18HN5N6S00	CI160808-5N6D	ELJRE5N6JF2
0603	6.8 nH	L-14C6N8#V*E	LL1608-FS6N8#	HK16086N8#-T	MLG1608B6N8#T	LQG18HN6N8J00	CI160808-6N8J	ELJRE6N8JF2
0603	8.2 nH	L-14C8N2#V*E	LL1608-FS8N2#	HK16088N2#-T	MLG1608B8N2#T	LQG18HN8N2J00	CI160808-8N2J	ELJRE8N2JF2
0603	10 nH	L-14C10N#V*E	LL1608-FS10N#	HK160810N#-T	MLG1608B10N#T	LQG18HN10NJ00	CI160808-10NJ	ELJRE10NJF2
0603	12 nH	L-14C12N#V*E	LL1608-FS12N#	HK160812N#-T	MLG1608B12N#T	LQG18HN12NJ00	CI160808-12NJ	ELJRE12NJF2
0603	15 nH	L-14C15N#V*E	LL1608-FS15N#	HK160815N#-T	MLG1608B15N#T	LQG18HN15NJ00	CI160808-15NJ	ELJRE15NJF2
0603	18 nH	L-14C18N#V*E	LL1608-FS18N#	HK160818N#-T	MLG1608B18N#T	LQG18HN18NJ00	CI160808-18NJ	ELJRE18NJF2

\* = Choice of marked or unmarked

SIZE	VALUE	JOHANSON	TOKO	TAIYO YUDEN	TDK	MURATA %	BOURNS	PANASONIC
0603	22 nH	L-14C22N#V*E	LL1608-FS22N#	HK160822N#-T	MLG1608B22N#T	LQG18HN22NJ00	C1160808-22NJ	ELJRE22NJF2
0603	27 nH	L-14C27N#V*E	LL1608-FS27N#	HK160827N#-T	MLG1608B27N#T	LQG18HN27NJ00	C1160808-27NJ	ELJRE27NJF2
0603	33 nH	L-14C33N#V*E	LL1608-FS33N#	HK160833N#-T	MLG1608B33N#T	LQG18HN33NJ00	C1160808-33NJ	ELJRE33NJF2
0603	39 nH	L-14C39N#V*E	LL1608-FS39N#	HK160839N#-T	MLG1608B39N#T	LQG18HN39NJ00	C1160808-39NJ	ELJRE39NJF2
0603	47 nH	L-14C47N#V*E	LL1608-FS47N#	HK160847N#-T	MLG1608B47N#T	LQG18HN47NJ00	C1160808-47NJ	ELJRE47NJF2
0603	56 nH	L-14C56N#V*E	LL1608-FS56N#	HK160856N#-T	MLG1608B56N#T	LQG18HN56NJ00	C1160808-56NJ	ELJRE56NJF3
0603	68 nH	L-14C68N#V*E	LL1608-FS68N#	HK160868N#-T	MLG1608B68N#T	LQG18HN68NJ00	C1160808-68NJ	ELJRE68NJF3
0603	82 nH	L-14C82N#V*E	LL1608-FS82N#	HK160882N#-T	MLG1608B82N#T	LQG18HN82NJ00	C1160808-82NJ	ELJRE82NJF3
0603	100 nH	L-14CR10#V*E	LL1608-FSR10#	HK1608R10#-T	MLG1608BR10#T	LQG18HNR10J00	C1160808-R10J	ELJRER10JF3
0603	120 nH	L-14CR12#V*E	LL1608-FSR12#	HK1608R12#-T				ELJRER12JF3
0603	150 nH	L-14CR15#V*E	LL1608-FSR15#	HK1608R15#-T				ELJRER15JF3
0603	180 nH	L-14CR18#V*E	LL1608-FSR18#	HK1608R18#-T				ELJRER18JF3
0603	220 nH	L-14CR22#V*E	LL1608-FSR22#	HK1608R22#-T				ELJRER22JF3
0805	1.5 nH	L-15C1N5SV4E	LL2012-FH1N5S	HK21251N5S-T			C1201210-1N5D	
0805	1.8 nH	L-15C1N8SV4E	LL2012-FH1N8S	HK21251N8S-T			C1201210-1N8D	
0805	2.2 nH	L-15C2N2SV4E	LL2012-FH2N2S	HK21252N2S-T			C1201210-2N2D	
0805	2.7 nH	L-15C2N7SV4E	LL2012-FH2N7S	HK21252N7S-T			C1201210-2N7D	
0805	3.3 nH	L-15C3N3@V4E	LL2012-FH3N3@	HK21253N3@-T			C1201210-3N3D	
0805	3.9 nH	L-15C3N9@V4E	LL2012-FH3N9@	HK21253N9@-T			C1201210-3N9D	
0805	4.7 nH	L-15C4N7@V4E	LL2012-FH4N7@	HK21254N7@-T			C1201210-4N7D	
0805	5.6 nH	L-15C5N6@V4E	LL2012-FH5N6@	HK21255N6@-T			C1201210-5N6D	
0805	6.8 nH	L-15C6N8#V4E	LL2012-FH6N8#	HK21256N8#-T			C1201210-6N8J	
0805	8.2 nH	L-15C8N2#V4E	LL2012-FH8N2#	HK21258N2#-T			C1201210-8N2J	
0805	10.0 nH	L-15C10N#V4E	LL2012-FH10N#	HK212510N#-T			C1201210-10NJ	ELJND10NKF
0805	12.0 nH	L-15C12N#V4E	LL2012-FH12N#	HK212512N#-T			C1201210-12NJ	ELJND12NKF
0805	15.0 nH	L-15C15N#V4E	LL2012-FH15N#	HK212515N#-T			C1201210-15NJ	ELJND15NKF
0805	18.0 nH	L-15C18N#V4E	LL2012-FH18N#	HK212518N#-T			C1201210-18NJ	ELJND18NKF
0805	22.0 nH	L-15C22N#V4E	LL2012-FH22N#	HK212522N#-T			C1201210-22NJ	ELJND22NKF
0805	27.0 nH	L-15C27N#V4E	LL2012-FH27N#	HK212527N#-T			C1201210-27NJ	ELJND27NKF
0805	33.0 nH	L-15C33N#V4E	LL2012-FH33N#	HK212533N#-T			C1201210-33NJ	ELJND33N#F
0805	39.0 nH	L-15C39N#V4E	LL2012-FH39N#	HK212539N#-T			C1201210-39NJ	ELJND39N#F
0805	47.0 nH	L-15C47N#V4E	LL2012-FH47N#	HK212547N#-T			C1201210-47NJ	ELJND47N#F
0805	56.0 nH	L-15C56N#V4E	LL2012-FH56N#	HK212556N#-T			C1201210-56NJ	ELJND56N#F
0805	68.0 nH	L-15C68N#V4E	LL2012-FH68N#	HK212568N#-T			C1201210-68NJ	ELJND68N#F
0805	82.0 nH	L-15C82N#V4E	LL2012-FH82N#	HK212582N#-T			C1201210-82NJ	ELJND82N#F
0805	100 nH	L-15CR10#V4E	LL2012-FHR10#	HK2125R10#-T			C1201210-R10J	ELJNDR10#F
0805	120 nH	L-15CR12#V4E	LL2012-FHR12#	HK2125R12#-T			C1201210-R12J	ELJNDR12#F
0805	150 nH	L-15CR15#V4E	LL2012-FHR15#	HK2125R15#-T			C1201210-R15J	ELJNDR15#F
0805	180 nH	L-15CR18#V4E	LL2012-FHR18#	HK2125R18#-T			C1201210-R18J	ELJNDR18#F
0805	220 nH	L-15CR22#V4E	LL2012-FHR22#	HK2125R22#-T			C1201210-R22J	ELJNDR22#F
0805	270 nH	L-15CR27#V4E	LL2012-FHR27#	HK2125R27#-T			C1201210-R27J	ELJNDR27#F
0805	330 nH	L-15CR33#V4E	LL2012-FHR33#	HK2125R33#-T				ELJNDR33#F
0805	390 nH	L-15CR39#V4E	LL2012-FHR39#	HK2125R39#-T				ELJNDR39#F
0805	470 nH	L-15CR47#V4E	LL2012-FHR47#	HK2125R47#-T				ELJNDR47#F
0805	560 nH	L-15CR56#V4E	LL2012-FHR56#					ELJNDR56#F
0805	680 nH	L-15CR68#V4E	LL2012-FHR68#					ELJNDR68#F

\* = Choice of marked or unmarked

% = Murata 0201 parts are thin film / Critical characteristics should be evaluated in the specific application

"@ = Choice of S or K Tolerance, # = J or K Tolerance"

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