



Expertise Applied | Answers Delivered

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April 26, 2020

**Littelfuse NTC Thermistor Chip Factory Transfer from Orange, California to Dongguan, China**

Dear Valued Customers:

Littelfuse, Inc. would like to notify you of an upcoming transfer of NTC thermistor chip manufacturing (herein referred to as “front-end” manufacturing). The NTC front-end manufacturing will be transferred from a Littelfuse facility in Orange, California to another Littelfuse facility in Dongguan, China.

A list of affected Littelfuse part numbers is shown in Appendix A of this letter.

Please note the following important information:

**Form, fit, function changes:** None

**Part number changes:** No part number changes are planned, but we will notify you of any exceptions if such arise

**Distinction of products:** Box, label, and Country of Origin may change (depending on product)

The qualification process has started, and the products are expected to be manufactured in Dongguan, China starting June 1, 2020.

A buffer inventory of thermistor chips has been built in the original manufacturing location in Orange, California. We will continue to ship products utilizing thermistor chips from this buffer stock until depleted, at which time, we will transition over to thermistor chips manufactured in the Dongguan, China facility.

Sample products utilizing thermistor chips from the Dongguan facility will be manufactured for qualification purposes upon request. Please contact Littelfuse within **45 days** of this notification date if you require sample products for qualification.

With this transfer, Littelfuse will continue to provide best-in-class product and service to our customers by consolidating manufacturing into our existing facility in Dongguan, China. Our Dongguan facility has manufactured a variety of products and is ISO9001, ISO14001 and TS16949 certified. Transferred products will meet the required qualification from the Dongguan factory in accordance with established performance and reliability criteria. Qualification reports will be available upon request.

This notification is for your information and acknowledgement. Please respond to us within **45 days** of the date of this letter to acknowledge receipt and understanding of this notice. If we do not hear from you by the end of this timeframe, we will expect that this notice has been accepted and that no further action is required.

This notice is subject to change. We will keep you posted on any further updates or changes to this transfer.



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If you have any questions or concerns, please contact your local Littelfuse sales representative. We value your business and apologize for any short-term inconvenience this may cause. We are confident that this move will enable us to better serve your needs in the future. Thank you for your continued support.

Sincerely,

Tim Patel  
Global Product Manager – Temperature Sensors  
Electronics Business Unit  
Littelfuse, Inc.



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Littelfuse NTC Thermistor Chip Factory Transfer from Orange, California to Dongguan, China  
Appendix A – List of Affected Littelfuse Part Numbers

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Littelfuse Part Numbers			
AT303H16	BC103J7A	BC204J1N	BC411J1J
AT303H19	BC103J7E	BC204J2J	BC421J1G
BC101B1F	BC103J7J	BC211B1	BC431J2G
BC101B1K	BC103J7Q	BC222J1F	BC431J7G
BC101B5K	BC103J7T	BC222J1J	BC442J1Q
BC101B7K	BC103J7W	BC222J1K	BC442J1R
BC101C4K	BC103J8F	BC222J1Q	BC500B1S-TR
BC102E1K	BC103J9P	BC222J1Z	BC500B5K
BC102E2K	BC103J9W	BC222J2A	BC501B1K
BC102F1J	BC103K1N	BC222J2B	BC501B3K
BC102F1K	BC103N1N	BC222J2C-1	BC501E1K
BC103F2K	BC104J1K	BC222J2C-2	BC501E3K
BC103J1C	BC104J1N	BC233J4R	BC501F1K
BC103J1D	BC104J2K	BC233J6R	BC501F2J
BC103J1F	BC104R1J-1	BC250B3K	BC501F2K
BC103J1G	BC104R1K-1	BC250B5K	BC502J1J
BC103J1J	BC104R1K-2	BC251B1K	BC502J1K
BC103J1K	BC104R1O	BC270B1K	BC502J1Q
BC103J2B	BC104R1P	BC271J5G	BC502J2F
BC103J2G	BC104R1R	BC281J4G	BC502J2K
BC103J2N	BC104R2K	BC291J4G	BC502J4K
BC103J2R	BC104R4K	BC300B1K	BC502J6J
BC103J2T	BC104R5K	BC301B2K	BC502J6N
BC103J2V	BC104R6J	BC301J2G	BC503J1J
BC103J2W	BC104V7J	BC301J5G	BC503J1K
BC103J3A	BC110B1K	BC302J1F	BC503J6K
BC103J3G	BC122F1K	BC302J1K	BC503N2N
BC103J3W	BC142B1T	BC302J4J	BC851F1T
BC103J4B	BC150B1K	BC302J5G	BC882G1Q
BC103J4D	BC152F1K	BC302J6G	BC882J1Q
BC103J4F	BC153J1K	BC302J6N	BC882J1S
BC103J4J	BC153J2M	BC302J6Q	BC883R1S
BC103J4N	BC171B1K	BC303H1K	BC922J1N
BC103J4V	BC182F1K	BC303J1J	BC922J1Q
BC103J5D	BC182J1Q	BC303J1K	DC102F2K
BC103J5F	BC202F1T	BC303J1O	DC102J3J
BC103J5U	BC202F3J	BC303J2J	DC203V4K
BC103J6B	BC202J3J	BC303J2K	KC101B2K
BC103J6F	BC202J4J	BC303J6N	KC102F2K
BC103J6G	BC202J6K	BC331J1M	KC103G2F
BC103J6J	BC202J9K	BC341F1K	KC103G2K
BC103J6K	BC202J9P	BC342J6K	KC103J2F
BC103J6R	BC203J1K	BC363J2P	KC103J2G
BC103J6S	BC203J2J	BC363J2P-2	KC103J2K
BC103J6V	BC203J6K	BC402J4J	KC103J4U

**Note:** Part numbers may or may not be followed by “dash” suffixes depending on product (e.g., USP13728-1, USP13728-2, etc.)



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KC104R2K	PT103G32	USP11915	USP16116
KC151B7J	PT103N4	USP12040	USP16178
KC203J2K	PT104G2	USP12101	USP16191
KC203N3F	PT104L3	USP12210	USP16476
KC222J2K	PT402J2	USP12264	USP16638
KC302J2K	PT502J18	USP12278	USP16660
KC303J2K	PX102E3	USP12284	USP16667
KC502J2G	PX103J62	USP12547	USP16672
KC502J2K	RL103J3N	USP12684	USP16693
KC503J2K	SC103J2J	USP12712	USP16852
KC960B7J	SC103J2K	USP12837	USP16931
KS103J34	SC502J2K	USP12838	USP16932
KS103J54	SC503J4J	USP12840	USP16957
KS103J64	SP102F1J	USP12916	USP17066
KS602J2	TC102F2K	USP13005	USP17210
KT102J2	TC103H2F	USP13062	USP17212
KT103J42	TC103H3F	USP13148	USP17228
KT103J50	TC103J2K	USP13597	USP17256
KT103J51	TC104R2K	USP13629	USP17341
KT103J53	TC202R2Q	USP13728	USP17390
KT104R5	TC302J2K	USP13735	USP17395
KT302J2	TC403H2P	USP13893	USP17413
KT602J2	TC503J2F	USP13919	USP17468
KW103G6	USP10188	USP13996	USP17503
KW302J2	USP10201	USP14140	USP17530
LC101B2K	USP10209	USP14193	USP17551
LC102E2F	USP10347	USP14233	USP17570
LC103N3H	USP10349	USP14236	USP1759
LC104R2J	USP10578	USP14237	USP17597
LC104V3F	USP10788	USP14317	USP17640
LC124V4J	USP10997	USP14412	USP17661
LC163J3J	USP11263	USP14439	USP17665
LC202G4H	USP11287	USP14723	USP17705
LC232Q2J	USP11386	USP14900	USP17707
LC282N5H	USP11477	USP15026	USP17722
LC401F3F	USP11504	USP15027	USP17723
LC402J2J	USP11584	USP15074	USP17755
LC403H3F	USP11599	USP15201	USP17760
LC495Z5J	USP11600	USP15422	USP17781
LC503J2K	USP11730	USP15509	USP17782
LC802J3F	USP11737	USP15643	USP17783
LC881F3K	USP11782	USP15916	USP17804
LC985Z5J	USP11797	USP15978	USP17830
PS103L4	USP11799	USP16026	USP17835
PT102E4	USP11897	USP16033	USP17838

**Note:** Part numbers may or may not be followed by “dash” suffixes depending on product (e.g., USP13728-1, USP13728-2, etc.)



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USP17903	USP19353	USP4319	USP7636
USP17924	USP19370	USP4331	USP7637
USP17954	USP19407	USP4348	USP7641
USP17988	USP19459	USP4495	USP7673
USP18058	USP19463	USP4517	USP7710
USP18105	USP19478	USP4610	USP7795
USP18167	USP19484	USP4797	USP7806
USP18173	USP19525	USP4868	USP7846
USP18266	USP19527	USP4902	USP7959
USP18329	USP19602	USP4979	USP7980
USP18373	USP19645	USP5079	USP8006
USP18424	USP19714	USP5082	USP8607
USP18527	USP19749	USP5202	USP8712
USP18544	USP19796	USP5265	USP8781
USP18548	USP19821	USP5278	USP8827
USP18604	USP19837	USP5321	USP9127
USP18658	USP19884	USP5510	USP9216
USP18707	USP19897	USP5529	USP9242
USP18771	USP19946	USP5739	USP9279
USP18803	USP19951	USP5835	USP9590
USP18818	USP2001	USP5844	USP9685
USP18837	USP20131	USP5858	USP9705
USP18870	USP20182	USP5914	USP9931
USP18896	USP20236	USP5985	USP9950
USP18900	USP20243	USP6276	USUR1000-102G*
USP18905	USP20262	USP6295	USUR1000-102H*
USP18919	USP20263	USP6583	USUR1000-102J*
USP18960	USP20277	USP6584	USUR1000-102K*
USP18961	USP20282	USP6775	USUR1000-103G*
USP19037	USP20286	USP6885	USUR1000-103H*
USP19057	USP20315	USP6887	USUR1000-103J*
USP19058	USP2168	USP6929	USUR1000-103K*
USP19076	USP2419	USP7039	USUR1000-104G*
USP19085	USP2544	USP7085	USUR1000-104H*
USP19095	USP2946	USP7236	USUR1000-104J*
USP19165	USP3040	USP7255	USUR1000-104K*
USP19170	USP3121	USP7288	USUR1000-203G*
USP19220	USP3404	USP7300	USUR1000-203H*
USP19223	USP3423	USP7346	USUR1000-203J*
USP19226	USP3650	USP7350	USUR1000-203K*
USP19288	USP3979	USP7388	USUR1000-222G*
USP19313	USP4009	USP7473	USUR1000-222H*
USP19328	USP4065	USP7497	USUR1000-222J*
USP19346	USP4261	USP7537	USUR1000-222K*
USP19347	USP4316	USP7570	USUR1000-302G*

\* Part number is followed by “-xx” where “xx” represents wire length in inches

**Note:** Part numbers may or may not be followed by “dash” suffixes depending on product (e.g., USP13728-1, USP13728-2, etc.)



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USUR1000-302H*	USUR1000-503J*	USX1862	USX3312
USUR1000-302J*	USUR1000-503K*	USX1928	USX3325
USUR1000-302K*	USX0934	USX1998	USX3350
USUR1000-303G*	USX1006	USX2007	USX3355
USUR1000-303H*	USX1046	USX2071	USX3363
USUR1000-303J*	USX1091	USX2393	USX3435
USUR1000-303K*	USX1123	USX2418	USX3504
USUR1000-502G*	USX1282	USX2751	USX3541
USUR1000-502H*	USX1442	USX2815	USX3560
USUR1000-502J*	USX1502	USX3002	USX3563
USUR1000-502K*	USX1740	USX3060	
USUR1000-503G*	USX1751	USX3125	
USUR1000-503H*	USX1830	USX3233	

\* Part number is followed by “-xx” where “xx” represents wire length in inches

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