



Product Manufacturing Transfer Notification

(Partial Manufacturing Transfer from China to Vietnam – Phase 4)

PCN20-12

This notification relates to the following series only: LC/MM/SW/PS/RUF

Document revision

Revision	Date	Description	Author
A	September 17 th , 2020	Move of selected production lines to Vietnam (phase 4)	Craig Thomson

C&K

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1. Purpose

To improve production efficiency and better serve our customers, C&K will be transferring a number of production lines from our facility in Huizhou, China to Yen My, Vietnam. This move will be done in several phases.

This notification only relates to products to be moved in phase 4. A separate notification will be issued for products that will be moved in other phases.

Please see the list of affected part numbers in the attached appendix.

Production of the affected parts will stop in Huizhou November 30th 2020 and resume production, the first week of February 2021, in our Vietnam facility. Please consult your C&K Customer Service contact for specifics related to specific items or backlog demand.

C&K has put in place a number of actions to minimize potential disruption caused by this move. Safety stock levels are being prepared in order to cover the transition period, so we can continue shipments with minimal disruption.

2. Change details

2.1. Technical Impact

The manufacturing transfer will not affect product specification, product certification or product approvals.

Requalification of products will be required and performed prior to the restart of production and a re-qualification report will be available for customers upon request. As a result of the move there will be a change in marking on UL qualified products, an example of which can be seen below:



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2.2. Lead-time Changes

To ensure continuity of supply during this transition period the following product series lead-time will be implemented with immediate effect:

Series	Lead-time (weeks)
LC	10
MM	10
SW	12
PS	14
RUF	14

Please see appendix 1 for specific part numbers effected.

3. Date of application

Effective date: September 17th, 2020

Production of the affected parts will stop in Huizhou, China: November 30th 2020

Production of the affected parts will restart in Yen My, Vietnam: February 4th 2021

4. Acknowledgement

We kindly ask you to acknowledge receipt of this information to your Sales Representative. To support our customers during this manufacturing move we have set up a dedicated e-mail address via which you may contact C&K with any specific queries or concerns. Please contact Vietnam.move@ckswitches.com and we will be happy to assist you.

Appendix 1 – List of affected part numbers

To download an excel release of the affected part numbers please click on the link below:

https://extranet.ck-components.com/extranet/channelpartners/media/pdf/Whatsnews/Appendix-PCN20-12-PMTN-Vietnam_Phase_4_Parts_list_with_updated_LT.xlsx

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Item number	Description	L/T(wks)
LCGDF5A10LCU	SWITCH LCGD SNAP ACTING	10
LCGDF5A10LCUE	SWITCH LCGD SNAP ACTING	10
LCGDF5A10SC	SWITCH LCGD SNAP ACTING SC**	10
LCGDF5P00HC	SWITCH LCGD SNAP ACTING SC**	10
LCGDF5P00HCU	SWITCH LCGD SNAP ACTING SC**	10
LCGDF5P00HW	SWITCH LCGD SNAP ACTING	10
LCGDF5P00HY	SWITCH LCGD SNAP ACTING	10
LCGDF5P00RYE	SWITCH LCGD SNAP ACTING	10
LCGDF5P00SC	SWITCH LCGD SNAP ACTING SC**	10
LCGDF5T10EC	SWITCH LCGD SNAP ACTING	10
LCGDF5T10SW	SWITCH LCGD SNAP ACTING SC**	10
LCGDF5T13HC	SWITCH LCGD SNAP ACTING	10
LCGDF5T13RWU	SWITCH LCGD SNAP ACTING	10
LCGDF5T13SC	SWITCH LCGD SNAP ACTING SC**	10
LCGDF5T23HC	SWITCH LCGD SNAP ACTING	10
LCGDF5T23SC	SWITCH LCGD SNAP ACTING SC**	10
LCGDL9A10EC	SWITCH LCGD SNAP ACTING	10
LCGDL9A10SC	SWITCH LCGD SNAP ACTING SC**	10
LCGDL9A25EC	SWITCH LCGD SNAP ACTING	10
LCGDL9A25HC	SWITCH LCGD SNAP ACTING	10
LCGDL9P00EC	SWITCH LCGD SNAP ACTING	10
LCGDL9P00ECU	SWITCH LCGD SNAP ACTING	10
LCGDL9P00HC	SWITCH LCGD SNAP ACTING	10
LCGDL9P00HY	SWITCH LCGD SNAP ACTING	10
LCGDL9P00JW	SWITCH LCGD SNAP ACTING	10
LCGDL9P00LC	SWITCH LCGD SNAP ACTING	10
LCGDL9P00SC	SWITCH LCGD SNAP ACTING SC**	10
LCGDL9P00SCE	SWITCH LCGD SNAP ACTING SC**	10
LCGDL9P00SYE	SWITCH LCGD SNAP ACTING SC**	10
LCGDL9T10EC	SWITCH LCGD SNAP ACTING	10
LCGDL9T10HC	SWITCH LCGD SNAP ACTING	10
LCGDL9T10LC	SWITCH LCGD SNAP ACTING	10
LCGDL9T10SC	SWITCH LCGD SNAP ACTING	10
LCGDL9T13EC	SWITCH LCGD SNAP ACTING	10
LCGDL9T13ECUE	SWITCH LCGD SNAP ACTING	10
LCGDL9T15SC	SWITCH LCGD SNAP ACTING SC**	10
LCGDL9T23EC	SWITCH LCGD SNAP ACTING	10
LCGDL9T23ECE	SWITCH LCGD SNAP ACTING	10
LCGDL9T25SC	SWITCH LCGD SNAP ACTING SC**	10
LCGDV6A10HC	SWITCH LCGD SNAP ACTING	10
LCGDV6P00EC	SWITCH LCGD SNAP ACTING	10
LCGDV6P00SCE	SWITCH LCGD SNAP ACTING	10
LCGDV6T10EC	SWITCH LCGD SNAP ACTING	10
LCGDV6T13JCE	SWITCH LCGD SNAP ACTING	10
LCGDX1P00EC	SWITCH LCGD SNAP ACTING	10
LCGDX1P00HC	SWITCH LCGD SNAP ACTING	10
LCGDX1P00SW	SWITCH LCGD SNAP ACTING	10
LCGDX1T23SC	SWITCH LCGD SNAP ACTING SC**	10
LCGGF5A10EC	SWITCH LCGG SNAP ACTING	10

LCGGF5A10ECU	SWITCH LCGG SNAP ACTING	10
LCGGF5A10HC	SWITCH LCGG SNAP ACTING SC**	10
LCGGF5A10HYU	SWITCH LCGG SNAP ACTING	10
LCGGF5A10LC	SWITCH LCGG SNAP ACTING	10
LCGGF5A10LY	SWITCH LCGG SNAP ACTING	10
LCGGF5A10RCU	SWITCH LCGG SNAP ACTING	10
LCGGF5A10SC	SWITCH LCGG SNAP ACTING SC**	10
LCGGF5A15HW	SWITCH LCGG SNAP ACTING	10
LCGGF5A25EC	SWITCH LCGG SNAP ACTING	10
LCGGF5A25ECU	SWITCH LCGG SNAP ACTING	10
LCGGF5A25LY	SWITCH LCGG SNAP ACTING	10
LCGGF5A25RC	SWITCH LCGG SNAP ACTING	10
LCGGF5P00EC	SWITCH LCGG SNAP ACTING	10
LCGGF5P00ECUE	SWITCH LCGG SNAP ACTING	10
LCGGF5P00EW	SWITCH LCGG SNAP ACTING	10
LCGGF5P00EY	SWITCH LCGG SNAP ACTING	10
LCGGF5P00HC	SWITCH LCGG SNAP ACTING SC**	10
LCGGF5P00HCU	SWITCH LCGG SNAP ACTING SC**	10
LCGGF5P00HY	SWITCH LCGG SNAP ACTING SC**	10
LCGGF5P00HYU	SWITCH LCGG SNAP ACTING SC**	10
LCGGF5P00HYUE	SWITCH LCGG SNAP ACTING	10
LCGGF5P00LC	SWITCH LCGG SNAP ACTING	10
LCGGF5P00LY	SWITCH LCGG SNAP ACTING	10
LCGGF5P00RC	SWITCH LCGG SNAP ACTING	10
LCGGF5P00SC	SWITCH LCGG SNAP ACTING SC**	10
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LCGGF5T10ECE	SWITCH LCGG SNAP ACTING	10
LCGGF5T10ECUE	SWITCH LCGG SNAP ACTING	10
LCGGF5T10HC	SWITCH LCGG SNAP ACTING SC**	10
LCGGF5T10LC	SWITCH LCGG SNAP ACTING	10
LCGGF5T10LY	SWITCH LCGG SNAP ACTING	10
LCGGF5T10RC	SWITCH LCGG SNAP ACTING	10
LCGGF5T10SC	SWITCH LCGG SNAP ACTING SC**	10
LCGGF5T13EC	SWITCH LCGG SNAP ACTING	10
LCGGF5T13ECUE	SWITCH LCGG SNAP ACTING	10
LCGGF5T13EW	SWITCH LCGG SNAP ACTING	10
LCGGF5T13EY	SWITCH LCGG SNAP ACTING	10
LCGGF5T13EYU	SWITCH LCGG SNAP ACTING	10
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LCGGF5T13HCU	SWITCH LCGG SNAP ACTING SC**	10
LCGGF5T13LY	SWITCH LCGG SNAP ACTING	10
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LCGGF5T13SYU	SWITCH LCGG SNAP ACTING SC**	10
LCGGF5T20EC	SWITCH LCGG SNAP ACTING	10
LCGGF5T20ECU	SWITCH LCGG SNAP ACTING	10
LCGGF5T20ECUE	SWITCH LCGG SNAP ACTING	10
LCGGF5T20JC	SWITCH LCGG SNAP ACTING	10
LCGGF5T20SC	SWITCH LCGG SNAP ACTING	10

LCGGF5T23EC	SWITCH LCGG SNAP ACTING	10
LCGGF5T23ECU	SWITCH LCGG SNAP ACTING	10
LCGGF5T23EW	SWITCH LCGG SNAP ACTING	10
LCGGF5T23EY	SWITCH LCGG SNAP ACTING	10
LCGGF5T23HC	SWITCH LCGG SNAP ACTING SC**	10
LCGGF5T23HCUE	SWITCH LCGG SNAP ACTING SC**	10
LCGGF5T23JCE	SWITCH LCGG SNAP ACTING	10
LCGGF5T23SC	SWITCH LCGG SNAP ACTING SC**	10
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LCGGF5T25HW	SWITCH LCGG SNAP ACTING SC**	10
LCGGF5T25LY	SWITCH LCGG SNAP ACTING	10
LCGGF5T25SW	SWITCH LCGG SNAP ACTING SC**	10
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LCGGL9A10HC	SWITCH LCGG SNAP ACTING	10
LCGGL9A10LCE	SWITCH LCGG SNAP ACTING	10
LCGGL9A10LY	SWITCH LCGG SNAP ACTING	10
LCGGL9A25EC	SW LCGG SNAP ACT ROHS	10
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LCGGX1P00HC	SWITCH LCGG SNAP ACTING SC**	10
LCGGX1P00HY	SWITCH LCGG SNAP ACTING SC**	10
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LCGGX1P00SC	SWITCH LCGG SNAP ACTING SC**	10
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LCGGX1T20EY	SWITCH LCGG SNAP ACTING	10
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LCGGX1T23HC	SWITCH LCGG SNAP ACTING SC**	10
LCGGX1T23SC	SWITCH LCGG SNAP ACTING SC**	10
LCGGX1T25EC	SWITCH LCGG SNAP ACTING	10
LCGGX1T25HC	SWITCH LCGG SNAP ACTING SC**	10
LCGHF5A10ECE	SWITCH LCGH SNAP ACTING	10
LCGHF5A10HC	SWITCH LCGH SNAP ACTING	10
LCGHF5A10JY	SWITCH LCGH SNAP ACTING	10
LCGHF5A10LC	SWITCH LCGH SNAP ACTING	10
LCGHF5A10LCE	SWITCH LCGH SNAP ACTING	10
LCGHF5A10LW	SWITCH LCGH SNAP ACTING	10
LCGHF5A10RC	SWITCH LCGH SNAP ACTING	10
LCGHF5A10RCE	SWITCH LCGH SNAP ACTING	10
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LCGHF5A10RWE	SWITCH LCGH SNAP ACTING	10
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LCGHF5P00EC	SWITCH LCGH SNAP ACTING SC**	10
LCGHF5P00HC	SWITCH LCGH SNAP ACTING SC**	10
LCGHF5P00RC	SWITCH LCGH SNAP ACTING	10
LCGHF5P00SC	SWITCH LCGH SNAP ACTING SC**	10
LCGHF5T10EC	SWITCH LCGH SNAP ACTING	10
LCGHF5T10JWU	SWITCH LCGH SNAP ACTING	10
LCGHF5T10SCE	SWITCH LCGH SNAP ACTING	10
LCGHF5T10SY	SWITCH LCGH SNAP ACTING SC**	10
LCGHF5T13LC	SWITCH LCGH SNAP ACTING	10
LCGHF5T20SCU	SWITCH LCGH SNAP ACTING	10
LCGHF5T23ECU	SWITCH LCGH SNAP ACTING	10
LCGHF5T23EY	SWITCH LCGH SNAP ACTING	10
LCGHF5T23HCUE	SWITCH LCGH SNAP ACTING	10
LCGHF5T23RCU	SWITCH LCGH SNAP ACTING	10
LCGHF5T23SCU	SWITCH LCGH SNAP ACTING	10
LCGHF5T23SCUE	SWITCH LCGH SNAP ACTING SC**	10
LCGHF5T25RC	SWITCH LCGH SNAP ACTING	10
LCGHF5T25RY	SWITCH LCGH SNAP ACTING	10
LCGHF5T25SCE	SWITCH LCGH SNAP ACTING	10
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LCGHL9A10HCU	SWITCH LCGH SNAP ACTING	10
LCGHL9P00EC	SWITCH LCGH SNAP ACTING	10
LCGHL9P00ECU	SWITCH LCGH SNAP ACTING	10
LCGHL9P00SC	SWITCH LCGH SNAP ACTING SC**	10
LCGHL9P00SYU	SWITCH LCGH SNAP ACTING	10
LCGHL9T10EC	SWITCH LCGH SNAP ACTING	10
LCGHL9T10HY	SWITCH LCGH SNAP ACTING	10
LCGHL9T10RY	SWITCH LCGH SNAP ACTING	10
LCGHL9T10SC	SWITCH LCGH SNAP ACTING SC**	10
LCGHL9T13EC	SWITCH LCGH SNAP ACTING	10
LCGHL9T13RY	SW LCGH SNAP ACTING	10
LCGHL9T25EY	SWITCH LCGH SNAP ACTING	10
LCGHM1A10EC	SWITCH LCGH SNAP ACTING	10
LCGHM1A10HC	SWITCH LCGH SNAP ACTING SC**	10
LCGHM1A25HC	SWITCH LCGH SNAP ACTING	10
LCGHM1P00EC	SWITCH LCGH SNAP ACTING	10
LCGHM1P00ECU	SWITCH LCGH SNAP ACTING	10
LCGHM1P00EW	SWITCH LCGH SNAP ACTING	10
LCGHM1P00HY	SWITCH LCGH SNAP ACTING SC**	10
LCGHM1P00SC	SWITCH LCGH SNAP ACTING SC**	10
LCGHM1P00SWE	SWITCH LCGH SNAP ACTING	10
LCGHM1P00SY	SWITCH LCGH SNAP ACTING SC**	10
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LCGHM1T13EC	SWITCH LCGH SNAP ACTING	10
LCGHM1T13SC	SWITCH LCGH SNAP ACTING SC**	10
LCGHM1T20EC	SWITCH LCGH SNAP ACTING	10
LCGHM1T23HC	SWITCH LCGH SNAP ACTING SC**	10

LCGHV6A10EW	SWITCH LCGH SNAP ACTING	10
LCGHV6A10LC	SWITCH LCGH SNAP ACTING	10
LCGHV6A10RC	SWITCH LCGH SNAP ACTING	10
LCGHV6P00EC	SWITCH LCGH SNAP ACTING	10
LCGHV6P00HC	SWITCH LCGH SNAP ACTING	10
LCGHV6P00HY	SWITCH LCGH SNAP ACTING	10
LCGHV6P00RC	SWITCH LCGH SNAP ACTING	10
LCGHV6P00RCE	SWITCH LCGH SNAP ACTING	10
LCGHV6T10HY	SWITCH LCGH SNAP ACTING	10
LCGHV6T20HY	SWITCH LCGH SNAP ACTING	10
LCGHV6T23HC	SW LCGH SNAP ACTING ROHS	10
LCGHX1A10RC	SWITCH LCGH SNAP ACTING	10
LCGHX1A10RCE	SWITCH LCGH SNAP ACTING	10
LCGHX1T10HCU	SWITCH LCGH SNAP ACTING	10
LCGHX1T23JC	SWITCH LCGH SNAP ACTING	10
LCGHX1T25LY	SWITCH LCGH SNAP ACTING	10
LC01530	SWITCH LCGGM1T10LC SS-FOR	10
LC01537	SWITCH LCGDL9T10LC SS-FOR SC**	10
LC01644	SWITCH LCGGL9T10RC SS-FOR SC**	10
LC01647	SWITCH LCGDL9T25EC SS-FORM	10
LC01956	SWITCH LCGGF5T10LC SS-FOR SC**	10
LC01972	SWITCH LCGGM8T13ECE SS-FORM	10
LC02146	SWITCH LCGGF5T13ECE SS-FORM	10
LC02204	SWITCH LCGGF5T13ECE SS-FORM	10
LC02397	SWITCH LCGHM1T23JCE SS-FO	10
LC02507	SWITCH LCGGM8T13ECE SS-FORM	10
LC02651	SWITCH LCGHM1P00ECE SS-FORM	10
LC03012	SWITCH LCGHM8P00ECE SS-FORM	10
LC03015	SWITCH LCGGF5T13LC SS-FOR SC**	10
LC03026	SWITCH LCGGX1T10ECE SS-FORM	10
LC03050	SWITCH LCGGL9T10SC SS-FOR SC**	10
LC03051	SWITCH LCGGX1T10EY SS-FORM	10
LC03055	SWITCH LCGGX1T10EY SS-FORM	10
LC03062	SWITCH LCGDX1T15ECE SS-FORM	10
LC03063	SWITCH LCGDX1T15JC SS-FORM	10
LC03064	SWITCH LCGHL9T25EY SS-FORM	10
LC03065	SWITCH LCGHL9T25EY SS-FORM	10
LC03069	SWITCH LCGHL9T10EY SS-FORM	10
LC03070	SWITCH LCGHL9T10EY SS-FORM	10
LC03073	SWITCH LCGHL9P00EY SS-FORM	10
LC03075	SWITCH LCGHL9P00EYE SS-FORM	10
LC03076	SWITCH LCGHL9T10EY SS-FORM	10
LC03082	SWITCH LCGGF5T13LC SS-FOR SC**	10
LC03085	SWITCH LCGGV6T13EC SS-FOR	10
LC03088	SWITCH LCGHM1A10EC SS-FOR	10
LC03094	SWITCH LCGGF5A10LC SS-FOR	10
LC03095	SWITCH LCGGF5T10RC SS-FOR	10
LC03099	SWITCH LCGGV6T13HC SS-FOR	10
LC03106	SWITCH LCGGX1T13EC SS-FORM	10
LC03107	SWITCH LCGGV6T13EC SS-FORM	10

LC03111	PROTO SW LCGGL9T10EC SS-FORM	10
LC03112	PROTO SW LCGHX1A10HC SS-FORM	10
LC03114	SWITCH LCGHF5T10SY SS-FORM	10
LC03123	SWITCH LCGHF5A10RC SS-FORM	10
MM	SWITCH MMGGD1P0C SS-FORM SC**	10
MMA	SWITCH MMGGD1P0A SS-FORM SC**	10
MMD	SWITCH MMGGD1D0C SS-FORM	10
MMD10	SWITCH MMGGF5POC SS-FORM	10
MMD25	SWITCH MMGGD1D0C SS-FORM	10
MMGGD1D0A	SWITCH MMGG SNAP ACT (MMD SC**	10
MMGGD1D0C	SWITCH MMGG SNAP ACT (MMD)	10
MMGGD1D0L	SWITCH MMGG SNAP ACT (MMD SC**	10
MMGGD1D0R	SWITCH MMGG SNAP ACT (MMD SC**	10
MMGGD1D0S	SWITCH MMGG SNAP ACT (MMD SC**	10
MMGGD1D0T	SWITCH MMGG SNAP ACTING	10
MMGGD1L0A	SWITCH MMGG SNAP ACT SC**	10
MMGGD1L0C	SWITCH MMGG SNAP ACT (MML SC**	10
MMGGD1L0L	SWITCH MMGG SNAP ACT SC**	10
MMGGD1L0R	SWITCH MMGG SNAP ACT SC**	10
MMGGD1L0S	SWITCH MMGG SNAP ACT SC**	10
MMGGD1L0T	SWITCH MMGG SNAP ACT SC**	10
MMGGD1L2C	SWITCH MMGG SNAP ACT (MML SC**	10
MMGGD1L2L	SWITCH MMGG SNAP ACT	10
MMGGD1L2R	SWITCH MMGG SNAP ACT (MML SC**	10
MMGGD1L2S	SWITCH MMGG SNAP ACT SC**	10
MMGGD1L2T	SWITCH MMGG SNAP ACT SC**	10
MMGGD1P0A	SWITCH MMGG SNAP ACT SC**	10
MMGGD1P0C	SWITCH MMGG SNAP ACT (MM) SC**	10
MMGGD1P0L	SWITCH MMGG SNAP ACT SC**	10
MMGGD1P0R	SWITCH MMGG SNAP ACT	10
MMGGD1P0S	SWITCH MMGG SNAP ACT SC**	10
MMGGD1P0T	SWITCH MMGG SNAP ACT (MM) SC**	10
MMGGD1W0A	SWITCH MMGG SNAP ACT SC**	10
MMGGD1W0C	SWITCH MMGG SNAP ACT (MMW SC**	10
MMGGD1W0L	SWITCH MMGG SNAP ACT SC**	10
MMGGD1W0R	SWITCH MMGG SNAP ACT SC**	10
MMGGD1W0S	SWITCH MMGG SNAP ACT SC**	10
MMGGD1W0T	SWITCH MMGG SNAP ACT SC**	10
MMGGD1W2A	SWITCH MMGG SNAP ACT SC**	10
MMGGD1W2C	SWITCH MMGG SNAP ACT (MMW SC**	10
MMGGD1W2L	SWITCH MMGG SNAP ACT SC**	10
MMGGD1W2R	SWITCH MMGG SNAP ACT SC**	10
MMGGD1W2S	SWITCH MMGG SNAP ACT SC**	10
MMGGD1W2T	SWITCH MMGG SNAP ACT SC**	10
MMGGF5D0C	SWITCH MMGG SNAP ACT	10
MMGGF5D0R	SWITCH MMGG SNAP ACT SC**	10
MMGGF5D0S	SWITCH MMGG SNAP ACT SC**	10
MMGGF5D0T	SWITCH MMGG SNAP ACT SC**	10
MMGGF5L0A	SWITCH MMGG SNAP ACT (MML SC**	10
MMGGF5L0C	SWITCH MMGG SNAP ACT (MML SC**	10

MMGGF5L0L	SWITCH MMGG SNAP ACT SC**	10
MMGGF5L0R	SWITCH MMGG SNAP ACT SC**	10
MMGGF5L0S	SWITCH MMGG SNAP ACT SC**	10
MMGGF5L0T	SWITCH MMGG SNAP ACT SC**	10
MMGGF5L2C	SWITCH MMGG SNAP ACT SC**	10
MMGGF5L2S	SWITCH MMGG SNAP ACT SC**	10
MMGGF5L2T	SWITCH MMGG SNAP ACT SC**	10
MMGGF5P0A	SWITCH MMGG SNAP ACT (MM1 SC**	10
MMGGF5P0C	SWITCH MMGG SNAP ACT (MM1 SC**	10
MMGGF5P0L	SWITCH MMGG SNAP ACT SC**	10
MMGGF5P0R	SWITCH MMGG SNAP ACT SC**	10
MMGGF5P0S	SWITCH MMGG SNAP ACT SC**	10
MMGGF5P0T	SWITCH MMGG SNAP ACT SC**	10
MMGGF5W0A	SWITCH MMGG SNAP ACT SC**	10
MMGGF5W0C	SWITCH MMGG SNAP ACT SC**	10
MMGGF5W0S	SWITCH MMGG SNAP ACT SC**	10
MMGGF5W0T	SWITCH MMGG SNAP ACT SC**	10
MMGGF5W2A	SWITCH MMGG SNAP ACT SC**	10
MMGGF5W2C	SWITCH MMGG SNAP ACT SC**	10
MMGGF5W2L	SWITCH MMGG SNAP ACTING	10
MMGGF5W2S	SWITCH MMGG SNAP ACT SC**	10
MML	SWITCH MMGGD1LOC SS-FORM SC**	10
MMLA	SWITCH MMGGD1POA SS-FORM SC**	10
MML10	SWITCH MMGGF5LOC SS-FORM SC**	10
MML11	SWITCH MMGGD1LOT SS-FORM SC**	10
MML12	SWITCH MMGGD1LOT SS-FORM SC**	10
MML2	SWITCH MMGGD1L0C SS FORM SC**	10
MML56	SWITCH MMGGD1L0C SS-FORM SC**	10
MML78	SWITCH MMGGD1L0C SS-FORM SC**	10
MMW	SWITCH MMGGD1W0C SS-FORM SC**	10
MMW2	SWITCH MMGGD1W2C SS-FORM SC**	10
MMW35	SWITCH MMGGD1W2C SS-FORM SC**	10
MM00173	SWITCH MMGGF5POA SS-FORM SC**	10
MM00176	SWITCH MMGGF5POA SS-FORM SC**	10
MM00178	SWITCH MMGGF5POA SS-FORM SC**	10
MM00180	SWITCH MMGGF5POA SS-FORM SC**	10
MM00182	SWITCH MMGGF5POA SS-FORM SC**	10
MM00184	SWITCH MMGGF5POA SS-FORM SC**	10
MM01062	SWITCH MMGGD1D0C SS-FORM	10
MM01278	SWITCH MMGGD1D0C SS-FORM	10
MM01368	SWITCH MMGGD1P0C SS-FORM SC**	10
MM02584	SWITCH MMGGF5L0L SS-FORM SC**	10
MM02589	SWITCH MMGGD1D0C SS-FORM	10
MM02679	SWITCH MMGGF5L2C SS-FORM SC**	10
MM03001	SWITCH MMGGF5L0C SS-FORM SC**	10
MM03005	SWITCH MMGGF5L2C SS-FORM SC**	10
MM03010	SWITCH MMGGF5L2C SS-FORM SC**	10
MM03013	SWITCH MMGGF5P0C SS-FORM	10
MM03014	SWITCH MMGGF5P0C SS-FORM SC**	10
MM03015	SWITCH MMGGF5P0C SS-FORM SC**	10

MM03022	SWITCH MMGGE2L0C SS-FORM	10
MM03023	SWITCH MMGGE2L0C SS-FORM	10
MM03027	PROTOTYPE SW MMGGD1P0A SS-FORM	10
MM03028	PROTOTYPE SW MMGGD1P0A SS-FORM	10
MM03029	PROTOTYPE SW MMGGF5P0A SS-FORM	10
MM03031	PROTO SW MMGGD1P0A-H/T-SS-FORM	10
MM03032	PROTOTYPE SW MMGGF5P0A SS-FORM	10
MM03033	SWITCH MMGGF5POC SS-FORM	10
MM03034	SWITCH MMGGD1POC SS-FORM	10
MM03035	SWITCH MMGGF5POC SS-FORM	10
MM03036	SWITCH MMGGD1POC SS-FORM	10
MM03038	SWITCH MMGGD1P0A-CUST/COV SS-F	10
MM03206	SWITCH MMGGD1P0S SS-FORM SC**	10
MM10	SWITCH MMGGF5POC SS-FORM SC**	10
MM10A	SWITCH MMGGF5P0A SS-FORM SC**	10
MM11	SWITCH MMGGD1POC SS-FORM SC**	10
MM138	SWITCH MMGGD1POC SS-FORM	10
MM167A	SWITCH MMGGE2POA SS-FORM SC**	10
MM177A	SWITCH MMGGF5POA SS-FORM SC**	10
MM189	SWITCH MMGGF5POC SS-FORM SC**	10
MM191	SWITCH MMGGD1POC SS-FORM SC**	10
MM193A	SWITCH MMGGE2POA SS-FORM SC**	10
MM194A	SWITCH MMGGF5POA SS-FORM SC**	10
MM205A	SWITCH MMGGF5P0A SS-FORM SC**	10
MM206A	SWITCH MMGGF5P0A SS-FORM SC**	10
MM208A	SWITCH MMGGF5P0A SS-FORM SC**	10
MM218A	SWITCH MMGGF5P0A SS-FORM SC**	10
HASW0001	SW-11A06N-A02	12
HASW0002	SW-11A06N-A03 AP	12
HASW0003	SW-11A06N-B02	12
HASW0004	SW-11A06N-B02 AP	12
HASW0005	SW-11A06N-CR02	12
HASW0006	SW-12A06N-B02	12
HASW0007	SW-12A06N-F01	12
HASW0008	SW-12B03N	12
HASW0013	SW-12P02	12
HASW0014	SW-13A65N-A01	12
HASW0015	SW-13A65N-A01 AK	12
HASW0016	SW-13A65N-A01 BI	12
HASW0017	SW-13A65N-A01 BK	12
HASW0022	SW-26A10N-D13	12
HASW0026	SW-11A06N-A02 AP	12
HASW0027	SW-11A06N-F02 AP	12
HASW0030	SW-12A06N-F02 AP	12
HASW0033	SW-11A06-107CN	12
HASW0034	SW-11A06-70CN	12
HASW0035	SW-12A06N-A02 2 2 AP	12
HASW0038	SW-11A10N-A02 AP	12
HASW0039	SW-26A16N-FR13	12
HASW0042	SW-11A10N-DR02 AP CN	12

HAPS0106	PS-12F30-F BK	14
HAPS0113	PS-12F30-F SI	14
HAPS0124	PS-12F31-F SI	14
HAPS0161	PS-12F31-F GY	14
HAPS0163	PS-12F31-F BK	14
LS35S306B02	SWITCH RULE FLOAT# 35 TCO	14
LS37S304B02	SWITCH RULE FLOAT#37 TCO	14
LS40A724B02	SWITCH RULE FLOAT # 40 TCO	14
LS40S304B02	SWITCH RULE FLOAT#40 TCO	14
LS40S484B02	SWITCH RULE FLOAT # 40 TCO	14
LS40S724B02	SWITCH RULE FLOAT # 40 TCO	14