



PRODUCT CHANGE NOTIFICATION
PCN-000594
Date: 18NOV2019

P1/1

- Semtech Corporation, 200 Flynn Road, Camarillo CA 93012
- Semtech Canada Corporation, 4281 Harvester Road, Burlington, Ontario L7L 5M4 Canada
- Semtech Irvine, 5141 California Ave., Suite 100, Irvine CA 92617
- Semtech Neuchatel Sarl, Route des Gouttes d'Or 40, CH-2000 Neuchatel Switzerland
- Semtech Bristol - EMEA Limited, Block B, St James Court, Great Park Road, Bristol BS32 4QJ, UK
- Semtech Corpus Christi SA de CV, Carretera Matamorros Edificio 7, Reynosa, Tamaulipas, Mexico 88780
- Semtech Plano, 1101 Resource Drive, Suite 121, Plano TX 75074

Change Details

Part Number(s) Affected: UCLAMP1201P.TCT	Customer Part Number(s) Affected: <input type="checkbox"/> N/A
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Description, Purpose and Effect of Change:

For the benefit of our customers, Semtech has qualified additional manufacturing capacity for UCLAMP1201P.TCT. A second assembly site at Huatian, Xi'an has been brought online that duplicates our current assembly manufacturing and test processes.

a. The additional assembly/test plant is Huatian Xi'an, China
 POR: Diodes, Shanghai

Change Classification	<input checked="" type="checkbox"/> Major <input type="checkbox"/> Minor	Impact to Form, Fit, Function	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Impact to Data Sheet	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	New Revision or Date	<input checked="" type="checkbox"/> N/A

Impact to Performance, Characteristics or Reliability:

- NO impact to data sheet content or package dimensions
- NO impact to performance, characteristics; or reliability

Implementation Date	28FEB2020	Work Week	TBD
Last Time Ship (LTS) <small>Of unchanged product</small>	N/A	Affecting Lot No. / Serial No. (SN)	N/A
Sample Availability	Samples available	Qualification Report Availability	Attached

Supporting Documents for Change Validation/Attachments:

- Reljob #6942 – Final Report

Issuing Authority

Semtech Business Unit:	Protection		
Semtech Contact Info:	Les Fang Yuen Semtech Corporation Sr. Engineering Manager, QA 200 Flynn Road Camarillo, CA 93012 lfangyuen@semtech.com Office: (949) 269-4443		

FOR FURTHER INFORMATION & WORLDWIDE SALES COVERAGE: <http://www.semtech.com/contact/index.html#support>



UCLAMP1201P.TCT

Semtech Job#	6942
Accepted Date	05-16-2019
Job Type	New Device with qualified package and qualified process
Business Unit	Protection
Package Type	SLF1006P2
Package Lead	2
Assembly Designator	Huatian Xi
Master Process	12B
Fab Designator	ASMC12B
Rel Job Status	Rel Testing Complete Passes All Requirements

Completed Tasks

Sub Lot #	Part	Lot	Assembly Lot	Date Code	
1	uClamp1201P.TCT	AER-005970	AER-005970	1919	
Task#	Task Code	Sample Size	Criteria	Failures	Task On Actual
1	Data-Prep	None	None	0	06-05-2019
2	HTRB_Pre_Elect_150°C_RT24	105	Pass on Zero Fails	0	06-24-2019
3	HTRB_150°C_Real Time_0024	105	Pass on Zero Fails	0	07-30-2019
4	HTRB_Pre_Elect	105	Pass on Zero Fails	0	06-07-2019
5	BI_BD_Valid	NA	Meet HTOL Schematics	0	06-07-2019
6	HTRB_150°C_0072	105	Pass on Zero Fails	0	06-07-2019
7	HTRB_150°C_0408	105	Pass on Zero Fails	0	06-10-2019
8	HTS_Pre_Elect	77	Pass on Zero Fails	0	06-11-2019
9	HTS_0168	77	Pass on Zero Fails	0	06-11-2019
10	HTS_0500	77	Pass on Zero Fails	0	06-18-2019
11	HTS_1000	77	Pass on Zero Fails	0	07-02-2019
12	ROSE Clean/ Test	174	Pass on Zero Fails	0	06-05-2019
13	85°C/85%RH_N/Pre_Pre Elec	20	Pass with 0 fail	0	06-10-2019
14	85°C/85%RH_BD_Valid	20	Pass on Zero Fails	0	06-10-2019
15	85/85_120hr_On/Off	20	Pass on Zero Fails	0	06-10-2019
16	Pre_Elect_Precond	154	Pass on Zero Fails	0	06-06-2019
17	Precond_Temp_Cyc_5cyc	154	Pass on Zero Fails	0	06-06-2019
18	Precond_HTS_24hr	154	Pass on Zero Fails	0	06-06-2019
19	Precond_85/85_NoElec168hr	154	Pass on Zero Fails	0	06-07-2019
20	Precond_IR_Refl_Char	154	Pass on Zero Fails	0	06-14-2019
21	T/C_Pre_Elect	77	Pass on Zero Fails	0	06-14-2019

Task#	Task Code	Sample Size	Criteria	Failures	Task On Actual
22	T/C_wPre_0250	77	Pass on Zero Fails	0	06-14-2019
23	T/C_wPre_0500	77	Pass on Zero Fails	0	06-20-2019
24	T/C_wPre_1000	77	Pass on Zero Fails	0	06-24-2019
25	Cross_Section TC 1000 Cyc	5	Pass on Zero Fails	0	07-08-2019
26	85°C/85%RH_W/Pre_Pre Elec	77	Pass on Zero Fails	0	06-14-2019
27	85°C/85%RH_BD_Valid	77	Pass on Zero Fails	0	06-17-2019
28	85°C/85%RH_Biased_168hrs	77	Pass on Zero Fails	0	06-17-2019
29	85°C/85%RH_Biased_500hrs	77	Pass on Zero Fails	0	06-24-2019
30	85°C/85%RH_Biased_1000hrs	77	Pass on Zero Fails	0	07-15-2019
31	Cross_Section 85°C/85%RH	5	Pass on Zero Fails	0	07-29-2019
32	Pack_Clos	0	0	0	07-31-2019