



PRODUCT / PROCESS CHANGE NOTIFICATION

PCN-000463.r0

Date: 1DEC2017

P1/1

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

Change Details

Part Number(s) Affected:

RClamp0521PATCT

Customer Part Number(s) Affected: N/A

Description, Purpose and Effect of Change:

For the benefit of our customers, Semtech has qualified additional manufacturing capacity for Protection Products.

- a. The additional Assembly and Test Capacity is Huatian Technology (Xi'an) Co. Ltd, China

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 Datasheet	<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	1MAR2018	Work Week	TBA
Last Time Ship (LTS) Of unchanged product	Not Applicable Additional capacity	Affecting Lot No. / Serial No. (SN)	N/A
Sample Availability	1DEC2017	Qualification Report Availability	Included with Notification

Supporting Documents for Change Validation/Attachments:

- Product Qualification Report

Issuing Authority

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

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

Rel Job Detail Report

by Sublot, by Sequence
 Contact: Gurmail Sajjan
 (805) 480 2142
 gsajjan@semtech.com

<i>Businessunit</i>	<i>Protection</i>			
<i>Reljob#</i>	<i>Part_Number, Job Name/Type</i>	<i>Fab, Package</i>	<i>Rel Job Status</i>	<i>Key Dates:</i>
6328	RClamp0521PATCT	ASMC	Rel Testing Complete Passes All Requirements	<i>Job Accepted:</i> 20-Mar-2017
	Huatian XiAn assembly site qualification	SLP1006P2		<i>Requested CD:</i>
	New Assembly House Qualification			<i>Actual Start Date:</i> 10-Mar-2017
				<i>ECD for Conditional:</i>
				<i>Job ECD:</i> 18-Lul-2017

Completed Tasks

<i>I.O</i>	<i>Lot</i>	<i>AssemblyLot</i>	<i>DateCode</i>				
	AER3985	AER3985	1711				
<i>Seq</i>	<i>TaskCode</i>	<i>SampleSize</i>	<i>Criteria</i>	<i>Complete</i>	<i>Failures</i>	<i>DataSource</i>	<i>Results/Comments</i>
1	Data-Prep	None	None	27-Apr-2017		Camarillo	
2	HTRB_Pre_Elect_150°C_RT24	210	Pass on Zero Fails	02-May-2017	0	Camarillo	
3	HTRB_150°C_Real Time_0024	210	Pass on Zero Fails	04-May-2017	0	Camarillo	
4	HTRB_Pre_Elect	105	Pass on Zero Fails	28-Apr-2017	0	Camarillo	
5	BI_BD_Valid	NA	Meet HTOL Schematics	28-Apr-2017	0	Camarillo	
6	HTRB_150°C_0072	105	Pass on Zero Fails	01-May-2017	0	Camarillo	
7	HTRB_150°C_0408	105	Pass on Zero Fails	15-May-2017	0	Camarillo	
8	HTS_Pre_Elect	77	Pass on Zero Fails	02-May-2017	0	Camarillo	
10	HTS_0500	77	Pass on Zero Fails	09-May-2017	0	Camarillo	
11	HTS_1000	77	Pass on Zero Fails	13-Jun-2017	0	Camarillo	
12	85/85_W/Pre_Pre Elec	20	Pass on Zero Fails	02-May-2017	0	Camarillo	
13	85°C/85%RH_BD_Valid	20	Pass on Zero Fails	02-May-2017	0	Camarillo	
14	85/85_120hr_On/Off	20	Pass on Zero Fails	08-May-2017	0	Camarillo	

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15 Pre_Conditioning_Level_1	NA	MSL 1	28-Apr-2017		Camarillo
16 Pre_Elect_Precond	154	Pass on Zero Fails	01-May-2017	0	Camarillo
17 Precond_Temp_Cyc_5cyc	154	Pass on Zero Fails	01-May-2017	0	Camarillo
18 Precond_HTS_24hr	154	Pass on Zero Fails	02-May-2017	0	Camarillo
19 Precond_85/85_NoElec168hr	154	Pass on Zero Fails	09-May-2017	0	Camarillo
20 Precond_260°C_IR_Ref_Char	154	Pass on Zero Fails	09-May-2017	0	Camarillo
21 T/C_Pre_Elect	77	Pass on Zero Fails	09-May-2017	0	Camarillo
22 T/C_wPre_0250	77	Pass on Zero Fails	15-May-2017	0	Camarillo
23 T/C_wPre_0500	77	Pass on Zero Fails	24-May-2017	0	Camarillo
24 T/C_wPre_1000	77	Pass on Zero Fails	30-May-2017	0	Camarillo
25 Cross_Section TC 1000 Cyc	15	Pass on Zero Fails	30-May-2017	0	Camarillo
26 85°C/85%RH_W/Pre_Pre Elec	77	Pass on Zero Fails	09-May-2017	0	Camarillo
27 85°C/85%RH_Biased_168hrs	77	Pass on Zero Fails	17-May-2017	0	Camarillo
28 85°C/85%RH_Biased_500hrs	77	Pass on Zero Fails	02-Jun-2017	0	Camarillo
29 85°C/85%RH_Biased_1000hrs	77	Pass on Zero Fails	21-Jun-2017	0	Camarillo
30 Cross_Section 85°C/85%RH	15	Pass on Zero Fails	21-Jun-2017	0	Camarillo
31 CSAM Analysis	22	Pass on Zero Fails	18-May-2017	0	Camarillo
32 Precond_Temp_Cyc_5cyc	22	Pass on Zero Fails	18-May-2017	0	Camarillo
33 Precond_HTS_24hr	22	Pass on Zero Fails	19-May-2017	0	Camarillo
34 Precond_85/85_NoElec168hr	22	Pass on Zero Fails	26-May-2017	0	Camarillo
35 Precond_260°C_IR_Ref_Char	22	Pass on Zero Fails	26-May-2017	0	Camarillo
36 CSAM Analysis	22	Pass on Zero Fails	01-Jun-2017	0	Camarillo
37 Construct_Package	5 unique packaged devices minimum.	No Major Findings, Q&R to review construction analysis report.	30-May-2017	0	Camarillo
38 Rider_Card_Wash/Bake	154		28-Apr-2017	0	Camarillo
39 Pack_Clos	0	0	22-Jun-2017		Camarillo

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2.0	Lot	AER3986	AssemblyLot	AER3986	DateCode	1711
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Seq	TaskCode	SampleSize	Criteria	Complete	Failures	DataSource	Results/Comments
1	Data-Prep	None	None	27-Apr-2017		Camarillo	
2	HTRB_Pre_Elect_150°C_RT24	210	Pass on Zero Fails	02-May-2017	0	Camarillo	
3	HTRB_150°C_Real Time_0024	210	Pass on Zero Fails	05-May-2017	0	Camarillo	
4	HTRB_Pre_Elect	105	Pass on Zero Fails	28-Apr-2017	0	Camarillo	
5	BI_BD_Valid	NA	Meet HTOL Schematics	28-Apr-2017	0	Camarillo	
6	HTRB_150°C_0072	105	Pass on Zero Fails	01-May-2017	0	Camarillo	
7	HTRB_150°C_0408	105	Pass on Zero Fails	15-May-2017	0	Camarillo	
8	HTS_Pre_Elect	77	Pass on Zero Fails	02-May-2017	0	Camarillo	
9	HTS_0168	77	Pass on Zero Fails	09-May-2017	0	Camarillo	
10	HTS_0500	77	Pass on Zero Fails	24-May-2017	0	Camarillo	
11	HTS_1000	77	Pass on Zero Fails	13-Jun-2017	0	Camarillo	
12	85/85_W/Pre_Pre Elec	20	Pass on Zero Fails	02-May-2017	0	Camarillo	
13	85°C/85%RH_BD_Valid	20	Pass on Zero Fails	02-May-2017	0	Camarillo	
14	85/85_120hr_On/Off	20	Pass on Zero Fails	08-May-2017	0	Camarillo	
15	Pre_Conditioning_Level_1	NA	MSL 1	28-Apr-2017		Camarillo	
16	Pre_Elect_Precond	154	Pass on Zero Fails	01-May-2017	0	Camarillo	
17	Precond_Temp_Cyc_5cyc	154	Pass on Zero Fails	01-May-2017	0	Camarillo	
18	Precond_HTS_24hr	154	Pass on Zero Fails	02-May-2017	0	Camarillo	
19	Precond_85/85_NoElec168hr	154	Pass on Zero Fails	09-May-2017	0	Camarillo	
20	Precond_260°C_IR_Ref_Char	154	Pass on Zero Fails	09-May-2017	0	Camarillo	
21	T/C_Pre_Elect	77	Pass on Zero Fails	09-May-2017	0	Camarillo	
22	T/C_wPre_0250	77	Pass on Zero Fails	15-May-2017	0	Camarillo	
23	T/C_wPre_0500	77	Pass on Zero Fails	24-May-2017	0	Camarillo	
24	T/C_wPre_1000	77	Pass on Zero Fails	30-May-2017	0	Camarillo	

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25	Cross_Section TC 1000 Cyc	15	Pass on Zero Fails	30-May-2017	0	Camarillo
26	85°C/85%RH_W/Pre_Pre Elec	77	Pass on Zero Fails	09-May-2017	0	Camarillo
27	85°C/85%RH_Biased_168hrs	77	Pass on Zero Fails	17-May-2017	0	Camarillo
28	85°C/85%RH_Biased_500hrs	77	Pass on Zero Fails	02-Jun-2017	0	Camarillo
29	85°C/85%RH_Biased_1000hrs	77	Pass on Zero Fails	21-Jun-2017	0	Camarillo
30	Cross_Section 85°C/85%RH	15	Pass on Zero Fails	21-Jun-2017	0	Camarillo
31	CSAM Analysis	22	Pass on Zero Fails	18-May-2017	0	Camarillo
32	Precond_Temp_Cyc_5cyc	22	Pass on Zero Fails	18-May-2017	0	Camarillo
33	Precond_HTS_24hr	22	Pass on Zero Fails	19-May-2017	0	Camarillo
34	Precond_85/85_NoElec168hr	22	Pass on Zero Fails	26-May-2017	0	Camarillo
35	Precond_260°C_IR_Ref_Char	22	Pass on Zero Fails	26-May-2017	0	Camarillo
36	CSAM Analysis	22	Pass on Zero Fails	01-Jun-2017	0	Camarillo
37	Rider_Card_Wash/Bake	154		28-Apr-2017	0	Camarillo
38	Pack_Clos	0	0	22-Jun-2017		Camarillo

3.0	Lot	AER3987	AssemblyLot	AER3987	DateCode	1711
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Seq	TaskCode	SampleSize	Criteria	Complete	Failures	DataSource	Results/Comments
1	Data-Prep	None	None	27-Apr-2017		Camarillo	
2	HTRB_Pre_Elect_150°C_RT24	210	Pass on Zero Fails	02-May-2017	0	Camarillo	
3	HTRB_150°C_Real Time_0024	210	Pass on Zero Fails	03-May-2017	0	Camarillo	
4	HTRB_Pre_Elect	105	Pass on Zero Fails	28-Apr-2017	0	Camarillo	
5	BI_BD_Valid	NA	Meet HTOL Schematics	28-Apr-2017	0	Camarillo	
6	HTRB_150°C_0072	105	Pass on Zero Fails	01-May-2017	0	Camarillo	
7	HTRB_150°C_0408	105	Pass on Zero Fails	15-May-2017	0	Camarillo	
8	HTS_Pre_Elect	77	Pass on Zero Fails	02-May-2017	0	Camarillo	
9	HTS_0168	77	Pass on Zero Fails	09-May-2017	0	Camarillo	
10	HTS_0500	77	Pass on Zero Fails	24-May-2017	0	Camarillo	
11	HTS_1000	77	Pass on Zero Fails	13-Jun-2017	0	Camarillo	

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12	85/85_W/Pre_Pre Elec	20	Pass on Zero Fails	02-May-2017	0	Camarillo
13	85°C/85%RH_BD_Valid	20	Pass on Zero Fails	02-May-2017	0	Camarillo
14	85/85_120hr_On/Off	20	Pass on Zero Fails	08-May-2017	0	Camarillo
15	Pre_Conditioning_Level_1	NA	MSL 1	28-Apr-2017		Camarillo
16	Pre_Elect_Precond	154	Pass on Zero Fails	01-May-2017	0	Camarillo
17	Precond_Temp_Cyc_5cyc	154	Pass on Zero Fails	01-May-2017	0	Camarillo
18	Precond_HTS_24hr	154	Pass on Zero Fails	02-May-2017	0	Camarillo
19	Precond_85/85_NoElec168hr	154	Pass on Zero Fails	09-May-2017	0	Camarillo
20	Precond_260°C_IR_Ref_Char	154	Pass on Zero Fails	09-May-2017	0	Camarillo
21	T/C_Pre_Elect	77	Pass on Zero Fails	09-May-2017	0	Camarillo
22	T/C_wPre_0250	77	Pass on Zero Fails	15-May-2017	0	Camarillo
23	T/C_wPre_0500	77	Pass on Zero Fails	24-May-2017	0	Camarillo
24	T/C_wPre_1000	77	Pass on Zero Fails	30-May-2017	0	Camarillo
25	Cross_Section TC 1000 Cyc	15	Pass on Zero Fails	30-May-2017	0	Camarillo
26	85°C/85%RH_W/Pre_Pre Elec	77	Pass on Zero Fails	09-May-2017	0	Camarillo
27	85°C/85%RH_Biased_168hrs	77	Pass on Zero Fails	17-May-2017	0	Camarillo
28	85°C/85%RH_Biased_500hrs	77	Pass on Zero Fails	02-Jun-2017	0	Camarillo
29	85°C/85%RH_Biased_1000hrs	77	Pass on Zero Fails	21-Jun-2017	0	Camarillo
30	Cross_Section 85°C/85%RH	15	Pass on Zero Fails	21-Jun-2017	0	Camarillo
31	CSAM Analysis	22	Pass on Zero Fails	18-May-2017	0	Camarillo
32	Precond_Temp_Cyc_5cyc	22	Pass on Zero Fails	18-May-2017	0	Camarillo
33	Precond_HTS_24hr	22	Pass on Zero Fails	19-May-2017	0	Camarillo
34	Precond_85/85_NoElec168hr	22	Pass on Zero Fails	26-May-2017	0	Camarillo
35	Precond_260°C_IR_Ref_Char	22	Pass on Zero Fails	26-May-2017	0	Camarillo
36	CSAM Analysis	22	Pass on Zero Fails	01-Jun-2017	0	Camarillo
37	Rider_Card_Wash/Bake	154		28-Apr-2017	0	Camarillo
38	Pack_Clos	0	0	22-Jun-2017		Camarillo

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