Change Notification – Cisco R2

Process Change Notification #: PCN-000202
Original Date Issued: **1/6/2014**
Rev 2 Date Issued: 7/2/2014

R2: Semtech Corporation is extending the implementation date of this PCN per your request.

Semtech Corporation is providing this Change Notification to our customers notifying the qualification of copper wire bonding at our assembly & test supplier. This change affects the following product.

Cisco P/N	Semtech P/N
13-1025005-01	Rclamp0521PATCT

Semtech's Change Evaluation Team has classified this change as major. Specifically, the supplier Diodes has qualified 0.8 mil copper wire to replace 0.8 mil gold wire. This will result in no change to form, fit, function, and reliability or datasheet specifications. Semtech has completed reliability testing of this part number and it meets Semtech's reliability requirements. Semtech's qualification was completed on September, 23 2013. (Ref: Reliability test report # 5609).

R2: It is Semtech's intention to implement this change to the aforementioned product September 10, 2014, or earlier with your approval, pursuant to the notification guidelines of JEDEC 46 and per PCN agreement between our companies. Samples are currently available.

If you wish to acquire samples, please do not hesitate to contact your local Semtech sales representative. The samples will be available now. If you have any questions regarding our qualification requirements, do not hesitate to give me a call.

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Rel Job Detail Report

by Sublot, by Sequence
Contact: Gurmail Sajjan
(805) 480 2142
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Businessunit	*Protection*			
Reljob#	**Part_Number, Job Name/Type**	**Fab, Package**	**Rel Job Status**	**Key Dates:**

5609	RClamp0521PA	ASMC21 TVS	Rel Testing Complete Passes All Requirements	*Job Accepted:* 12-Jul-2013
				Requested CD:
	Package qual (with 0.8 mil Cu wirebond & W	SLP1006P2		*Actual Start Date:* 18-Jun-2013
	New Product on qualified process with un- qualified package		.	*ECD for Conditional:*
				Job ECD: 09-Sep-2013

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Completed Tasks

by Sublot, by Sequence
Contact: Gurmail Sajjan
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gsajjan@semtech.com

4.0	**Lot** GDA121200A	**AssemblyLot** AER-001162	**DateCode** 1323

Seq	TaskCode	SampleSize	Criteria	Complete	Failures	DataSource	Results/Comments
1	Data-Prep	None	None	03-Jul-2013		Camarillo	
2	HTRB_Pre_Elect_150°C_RT24	210		02-Aug-2013	0	Camarillo	
3	HTRB_150°C_Real Time_0024	210	Pass on Zero Fails	30-Aug-2013	0	Camarillo	
4	HTRB_Pre_Elect	105	Pass on Zero Fails	05-Jul-2013	0	Camarillo	
5	HTRB_150°C_0072	105	Pass on Zero Fails	08-Jul-2013	0	Camarillo	
6	HTRB_150°C _0408	105	Pass on Zero Fails	25-Jul-2013	0	Camarillo	
7	HTS_Pre_Elect	77	Pass on Zero Fails	05-Jul-2013	0	Camarillo	
8	HTS_0168	77	Pass on Zero Fails	15-Jul-2013	0	Camarillo	
9	HTS_0500	77	Pass on Zero Fails	26-Jul-2013	0	Camarillo	
10	HTS_1000	77	Pass on Zero Fails	16-Aug-2013	0	Camarillo	
12	Pre_Elect_Precond	154	Pass on Zero Fails	16-Jul-2013	0	Camarillo	
13	Precond_Temp_Cyc_5cyc	154	Pass on Zero Fails	16-Jul-2013	0	Camarillo	
14	Precond_HTS_24hr	154	Pass on Zero Fails	17-Jul-2013	0	Camarillo	
15	Precond_85/85_NoElec168hr	154	Pass on Zero Fails	24-Jul-2013	0	Camarillo	
16	Precond_IR_Refl_Char	154	Pass on Zero Fails	24-Jul-2013	0	Camarillo	
17	T/C_Pre_Elect	77	Pass on Zero Fails	24-Jul-2013	0	Camarillo	
18	T/C_wPre_0250	77	Pass on Zero Fails	30-Jul-2013	0	Camarillo	
19	T/C_wPre_0500	77	Pass on Zero Fails	07-Aug-2013	0	Camarillo	
20	T/C_wPre_1000	77	Pass on Zero Fails	13-Aug-2013	0	Camarillo	
21	HAST Pre_Elect	77	Pass on Zero Fails	24-Jul-2013	0	Camarillo	
22	HAST_BD_Validation	N/A	Pass on Zero Fails	02-Aug-2013	0	Camarillo	
23	HAST_wPRE_0200	77	Pass on Zero Fails	14-Aug-2013	0	Camarillo	
24	Pack_Clos	0	0	29-Aug-2013		Camarillo	

Rel Job Detail Report

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5.0	**Lot**	GDA121200A	**AssemblyLot**	AER-001163	**DateCode**	1323		

Seq	TaskCode	SampleSize	Criteria	Complete	Failures	DataSource	Results/Comments
1	Data-Prep	None	None	03-Jul-2013		Camarillo	
2	HTRB_Pre_Elect_150°C_RT24	210		02-Aug-2013	0	Camarillo	
3	HTRB_150°C_Real Time_0024	210	Pass on Zero Fails	04-Sep-2013	0	Camarillo	
4	HTRB_Pre_Elect	105	Pass on Zero Fails	05-Jul-2013	0	Camarillo	
5	HTRB_150°C_0072	105	Pass on Zero Fails	08-Jul-2013	0	Camarillo	
6	HTRB_150°C _0408	105	Pass on Zero Fails	25-Jul-2013	0	Camarillo	
7	HTS_Pre_Elect	77	Pass on Zero Fails	05-Jul-2013	0	Camarillo	
8	HTS_0168	77	Pass on Zero Fails	15-Jul-2013	0	Camarillo	
9	HTS_0500	77	Pass on Zero Fails	26-Jul-2013	0	Camarillo	
10	HTS_1000	77	Pass on Zero Fails	16-Aug-2013	0	Camarillo	
12	Pre_Elect_Precond	154	Pass on Zero Fails	29-Jul-2013	0	Camarillo	
13	Precond_Temp_Cyc_5cyc	154	Pass on Zero Fails	29-Jul-2013	0	Camarillo	
14	Precond_HTS_24hr	154	Pass on Zero Fails	30-Jul-2013	0	Camarillo	
15	Precond_85/85_NoElec168hr	154	Pass on Zero Fails	06-Aug-2013	0	Camarillo	
16	Precond_IR_Refl_Char	154	Pass on Zero Fails	06-Aug-2013	0	Camarillo	
17	T/C_Pre_Elect	77	Pass on Zero Fails	06-Aug-2013	0	Camarillo	
18	T/C_wPre_0250	77	Pass on Zero Fails	12-Aug-2013	0	Camarillo	
19	T/C_wPre_0500	77	Pass on Zero Fails	20-Aug-2013	0	Camarillo	
20	T/C_wPre_1000	77	Pass on Zero Fails	27-Aug-2013	0	Camarillo	
21	HAST Pre_Elect	77	Pass on Zero Fails	06-Aug-2013	0	Camarillo	
22	HAST_BD_Validation	N/A	Pass on Zero Fails	09-Aug-2013	0	Camarillo	
23	HAST_wPRE_0200	77	Pass on Zero Fails	19-Aug-2013	0	Camarillo	
24	Pack_Clos	0	0	06-Sep-2013		Camarillo	

Rel Job Detail Report

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6.0	**Lot**	GDA121200A	**AssemblyLot**	AER-001164	**DateCode**	1323

Seq	TaskCode	SampleSize	Criteria	Complete	Failures	DataSource	Results/Comments
1	Data-Prep	None	None	03-Jul-2013		Camarillo	
2	HTRB_Pre_Elect_150°C_RT24	210		02-Aug-2013	0	Camarillo	
3	HTRB_150°C_Real Time_0024	210	Pass on Zero Fails	05-Sep-2013	0	Camarillo	
4	HTRB_Pre_Elect	105	Pass on Zero Fails	05-Jul-2013	0	Camarillo	
5	HTRB_150°C_0072	105	Pass on Zero Fails	08-Jul-2013	0	Camarillo	
6	HTRB_150°C _0408	105	Pass on Zero Fails	25-Jul-2013	0	Camarillo	
7	HTS_Pre_Elect	77	Pass on Zero Fails	05-Jul-2013	0	Camarillo	
8	HTS_0168	77	Pass on Zero Fails	15-Jul-2013	0	Camarillo	
9	HTS_0500	77	Pass on Zero Fails	26-Jul-2013	0	Camarillo	
10	HTS_1000	77	Pass on Zero Fails	16-Aug-2013	0	Camarillo	
12	Pre_Elect_Precond	154	Pass on Zero Fails	29-Jul-2013	0	Camarillo	
13	Precond_Temp_Cyc_5cyc	154	Pass on Zero Fails	29-Jul-2013	0	Camarillo	
14	Precond_HTS_24hr	154	Pass on Zero Fails	30-Jul-2013	0	Camarillo	
15	Precond_85/85_NoElec168hr	154	Pass on Zero Fails	06-Aug-2013	0	Camarillo	
16	Precond_IR_Refl_Char	154	Pass on Zero Fails	06-Aug-2013	0	Camarillo	
17	T/C_Pre_Elect	77	Pass on Zero Fails	06-Aug-2013	0	Camarillo	
18	T/C_wPre_0250	77	Pass on Zero Fails	12-Aug-2013	0	Camarillo	
19	T/C_wPre_0500	77	Pass on Zero Fails	20-Aug-2013	0	Camarillo	
20	T/C_wPre_1000	77	Pass on Zero Fails	27-Aug-2013	0	Camarillo	
21	HAST Pre_Elect	77	Pass on Zero Fails	06-Aug-2013	0	Camarillo	
22	HAST_BD_Validation	N/A	Pass on Zero Fails	09-Aug-2013	0	Camarillo	
23	HAST_wPRE_0200	77	Pass on Zero Fails	19-Aug-2013	0	Camarillo	
24	Pack_Clos	0	0	06-Sep-2013		Camarillo	