



130 W Cochran St, Unit B  
Simi Valley, CA 93065  
Tel:818-701-4933

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## Process Change Notification

Jul-1<sup>st</sup>-2017

**Title: MCC developed a new silicon wafer fab source for darlington transistors**

**PCN#: 070117-1**

**Planned Effective Date Code :1733**

**Reliability Data: Available per individual request**

**Samples contact: [Sales@mccsemi.com](mailto:Sales@mccsemi.com)**

**For question concerning this notification: [techsupport@mccsemi.com](mailto:techsupport@mccsemi.com)**

**Notification Type:**

Final Process/Product Change Notification(FPCN)

Final change notification sent to customers. PCNs are issued at least 60 days prior to implementation of the change.

MCC will consider this change approved unless specific conditions of acceptance are provided in writing within 30 days of receipt of this notice. To do so, contact [techsupport@mccsemi.com](mailto:techsupport@mccsemi.com)



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**Description and purpose :**

To enhance the supply chain and improve the lead time, MCC have developed a new silicon wafer fab source for darlington transistors.

Internal qualification process had been finished and the result showed that the parts with new die exactly met our specification . To distinguish the different die source, MCC will assign new marking code for the parts with new die(See spec sheet for details).

For any concern about this PCN, pls feel free to contact your local sales representative or us directly via above E-mail address.

**Qualification Data and summary:**

**Qualification Test Result:**

Test	Condition	Interval	Results
HTRB	Ta=125°C, 80%Vceo,	1000 Hrs	0/22
Burn In	Ta=25°C, Rated Pd	1000 Hrs	0/22
PCT	Ta=121°C, 100%RH, 15psig	96 Hrs	0/22
TC	-55°C~+150°C	1000 Cycles	0/22
Resistance to solder heat	260°C for 10s		0/10
Solderability	245°C for 5s		0/10



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**Affected Parts List:**

**MMBTA13-TP**  
**MMBTA14-TP**