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**PRODUCT/PROCESS CHANGE NOTIFICATION**  
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**20-APR-2000**

**SUBJECT: ON Semiconductor Product/Process Change Notification #10159**

**TITLE: TO-264 Package, Assembly, and Final Test Site Change to PSI**

**EFFECTIVE DATE: 29-Jul-2000**

**AFFECTED CHANGE CATEGORY: Subcontractor Assembly & Test Site**

**AFFECTED PRODUCT DIVISION: Bipolar Discretes Products**

**ADDITIONAL RELIABILITY DATA:** Available

Contact your local ON Semiconductor Sales Office or Carolyn Antillon<RM8160@onsemi.com >

**SAMPLES:** Contact your local ON Semiconductor Sales Office or Pat Gormley<RYEC60@onsemi.com>

**FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:**

Contact Sales Office or Jose Ramirez <RVEG40@onsemi.com>

**DISCLAIMER:**

ON Semiconductor 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 your local ON Semiconductor sales office.

**DESCRIPTION AND PURPOSE:**

ON Semiconductor wishes to notify its Customers that the manufacturing operation for Assembly and Final Testing of all TO-264 packaged Products are being expanded and subcontractor Pacific Semiconductor Industries (PSI) in the Philippines will now perform some of the packaging and testing operations for TO-264 packaged devices. PSI is a sub-contractor for ON Semiconductor and a member of the Semiconductor Assembly Council. PSI received the Philippines 1999 Quality Award for Outstanding Quality. Product marked with code CQ will be from PSI. Product coming from Team Pacific in the Philippines is marked with code CX. ON Semiconductor continues to make substantial investments in both new technologies and improved manufacturing capabilities to provide you the highest quality and reliability in the semiconductor industry. We believe these actions will also improve our ability to serve you in the future.

**Product/Process Change Notification #10159****QUALIFICATION PLAN:  
DEVICE - MJL21193**

<b>TEST</b>	<b>"A"</b>	<b>"B"</b>	<b>"C"</b>	<b>Ctrl</b>
HTRB - 1000hrs	0/80	0/80	0/80	0/80
H3TRB - 1000hrs	0/80	0/80	0/80	0/80
IOL - 5Kcycles	0/80	0/80	0/80	0/80
Temp Cycle - 1KC (-65 to +150C)	0/80	0/80	0/80	0/80
Pressure Cooker Test (PCT)96hrs	0/80	0/80	0/80	0/80

**RELIABILITY DATA SUMMARY:  
DEVICE - MJL21193**

<b>TEST</b>	<b>"A"</b>	<b>"B"</b>	<b>"C"</b>	<b>Ctrl</b>
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**ELECTRICAL CHARACTERISTIC SUMMARY:** Available upon request.**CHANGED PART IDENTIFICATION:** Product marked 0027 could be coming from PSI.**AFFECTED DEVICE LIST****PART**

MJL1302A  
MJL16218  
MJL21193  
MJL21194  
MJL21195  
MJL21196  
MJL3281A