



<b>Title of Change:</b>	Add 2nd source Rohm shunt resistor for SPM27-DBC package
<b>Proposed First Ship date:</b>	13 May 2020 or earlier if approved by customer
<b>Contact Information:</b>	Contact your local ON Semiconductor Sales Office or Daisy.Zhi@onsemi.com
<b>PCN Samples Contact:</b>	Contact your local ON Semiconductor Sales Office or <PCN.samples@onsemi.com>. Sample requests are to be submitted no later than 30 days from the date of first notification, Initial PCN or Final PCN, for this change. Samples delivery timing will be subject to request date, sample quantity and special customer packing/label requirements.
<b>Type of Notification:</b>	This is an Initial Product/Process Change Notification (IPCN) sent to customers. An IPCN is an advance notification about an upcoming change and contains general information regarding the change details and devices affected. It also contains the preliminary reliability qualification plan. The completed qualification and characterization data will be included in the Final Product/Process Change Notification (FPCN). This IPCN notification will be followed by a Final Product/Process Change Notification (FPCN) at least 90 days prior to implementation of the change. In case of questions, contact <PCN.Support@onsemi.com>
<b>Marking of Parts/ Traceability of Change:</b>	No change in marking, traceability by date code.
<b>Change Category:</b>	Assembly Change
<b>Change Sub-Category(s):</b>	Material Change

**Sites Affected:**

**ON Semiconductor Sites**

ON Semiconductor Suzhou, China

**External Foundry/Subcon Sites**

None

**Description and Purpose:**

Add 2<sup>nd</sup> source shunt resistor from Rohm for SPM27-DBC package

	Before Change Description	After Change Description
Other Changes	Current resistor from ISABELLENHUTTE 1. SMP-R005-1.0/5mR 2. SMP-R018-1.0/18mR 3. SMP-R027-1.0/27mR 4. SMP-R082-1.0/82mR	Current resistor from ISABELLENHUTTE (same) 1. SMP-R005-1.0/5mR 2. SMP-R018-1.0/18mR 3. SMP-R027-1.0/27mR 4. SMP-R082-1.0/82mR  Alternative resistor from Rohm (new) 1. GMR50 HJAA FD 5L00 2. GMR50 HJB FG R018 3. GMR50 HJB FK R027 4. GMR50 HJB FW R082

There is no product marking change as a result of this change.



**Qualification Plan:**

QV DEVICE NAME : FPD10BH60

RMS : U60725

PACKAGE : SPM27-DBC

Test	Specification	Condition	Interval
TC	JESD22-A104	Ta= -__40__°C to +_125__°C	___1000 cyc
uHAST	JESD22-A118	110°C, 85% RH, 18.8psig, unbiased	___264 hrs

QV DEVICE NAME : FPD10BH60

RMS : U60728

PACKAGE : SPM27-DBC

Test	Specification	Condition	Interval
TC	JESD22-A104	Ta= -__40__°C to +_125__°C	___1000 cyc
uHAST	JESD22-A118	110°C, 85% RH, 18.8psig, unbiased	___264 hrs

**List of Affected Parts:**

**Note:** Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the [PCN Customized Portal](#).

Part Number	Qualification Vehicle
FPDL15BH60	FPDL15BH60
FPDL10BH60L	FPDL10BH60
FPDL10BH60	FPDL10BH60