



## Product Change Notification

Sofia, 07<sup>th</sup> March 2016

**PCN n°: PCN-021\_2015\_3-OMTS14111901**

**ASIC upgrade – Date codes**

**HO models**

Based on the JEDEC JESD46-B standard

Not for publication unless permission is granted by LEM

Dear customer,

To answer to continuous market requirement for improved performances, and in a permanent effort to improve the quality of its products, LEM intends to proceed to some modifications on **HO models**.  
This letter is to notify you about our planned procedure to handle this change.

### Concerned products:

**HO 6-P; HO 6-P/SP33;**

**HO 8-NP-0000; HO 8-NP-0000 Kit 5P; HO 8-NP-0006; HO 8-NP/SP33-1000;**

**HO 8-NSM-0000; HO 8-NSM-0000 Kit 5P; HO 8-NSM/SP33-1000;**

**HO 10-P; HO 10-P/SP33; HO 10-P/SP50;**

**HO 15-NP-0000 Kit 5P;**

**HO 15-NP-0000; HO 15-NP/SP33-1000;**

**HO 15-NSM-0000; HO 15-NSM-0000 Kit 5P; HO 15-NSM/SP33-1000;**

**HO 25-NP-0000; HO 25-NP-0000 Kit 5P; HO 25-NP/SP33-1000;**

**HO 25-NPPR; HO 25-NPPR/SP33;**

**HO 25-NSM-0000; HO 25-NSM-0000 Kit 5P; HO 25-NSM/SP33-1000;**

**HO 25-NSMPR; HO 25-NSMPR/SP33;**

**HO 25-P; HO 25-P/SP33;**

**HO 30-NP/SPG13-3205; HO 30-NP/SPG14-2004;**

we confirm you that LEM is now producing the products listed on the previous page according to the change explained hereafter and since the following date codes:

HO 6-P	11.11.2015	815317
HO 6-P/SP33		
HO 8-NP-0000	19.6.2015	815171
HO 8-NP/SP33-1000	30.10.2015	815303
HO 8-NSM-0000		
HO 8-NSM/SP33-1000		
HO 10-P		
HO 10-P/SP33	9.12.2015	815344
HO 10-P/SP50	20.6.2015	815172
HO 12-NP/SPH00-0000	-	815268
HO 14-NP/SPH00-0000	-	815268
HO 15-NP-0000		
HO 15-NP/SP33-1000	18.11.2015	815322
HO 15-NSM-0000	8.12.2015	815342
HO 16-NP/SPH00-0000	-	815268
HO 21-NP/SPH00-0000	-	815268
HO 23-NP/SPH00-0000	-	815268
HO 24.9-NP/SPH00-0000	-	815268
HO 25-P	16.2.2016	816050
HO 25-P/SP33	28.09.2015	815268
HO 25-NP-0000	17.11.2015	815321
HO 25 NPPR/SP33-1000	10.11.2015	815314
HO 25-NP/SP33-1000		
HO 25-NP/SPH00-0000	-	815271
HO 25-NSM-0000	24.7.2015	815205
HO 25-NSM/SP33-1000	21.10.2015	815293
HO 25.2-NP/SPH00-0000	-	815268
HO 30-NP/SPG13-3205	19.6.2015	815171
HO 30-NP/SPG14-2004		
HO 33-NP/SPH00-0000	-	815268

Just few explanations on the date code (example with HO 6-P):

- ❑ "8" means the production center, here LEM in Bulgaria
- ❑ "15" means the year of the production, here the year 2015
- ❑ "317" means the day of the production, here the 317<sup>th</sup> day of the year 2015 (11<sup>th</sup> November 2015)

**Note: Models with no date code: Not yet happened**

#### **Change:**

##### ➤ ***Description of the technical change:***

ASIC upgrade

➤ ***Reason of the technical change:***

dv/dt behaviour improvement

**Test Report:**

To valid this change, a Test Report is enclosed in annex.

**Impact on the product:**

- ☐ On the form: NO
- ☐ On the fit: NO
- ☒ On the function: YES, dv/dt behaviour improvement
- ☐ On the reliability: NO

**Schedule of the modification:**

Start of delivery of modified products	<b>See date codes on page 1</b> <b>Models with no date code: not yet happened</b>
--	--

Sincerely yours,

Stéphane ROLLIER

Product Manager