



Title of Change:	PYTHON12K, PYTHON16K and PYTHON25K: Additional wafer probe location Rochester and new probe platform.	
Effective date:	25 April 2019	
Contact information:	Contact your local ON Semiconductor Sales Office or <Danny.Scheffer@onsemi.com>	
Type of notification:	This Product Bulletin is for notification purposes only. ON Semiconductor will proceed with implementation of this change upon publication of this Product Bulletin.	
Change Category:	<input type="checkbox"/> Wafer Fab <input type="checkbox"/> Assembly Change <input type="checkbox"/> Test Change <input checked="" type="checkbox"/> Other <u>New probe platform</u>	
Change Sub-Category(s):	<input checked="" type="checkbox"/> Manufacturing Site Addition <input type="checkbox"/> Material Change <input type="checkbox"/> Datasheet/Product Doc change <input type="checkbox"/> Manufacturing Site Transfer <input type="checkbox"/> Product specific change <input type="checkbox"/> Shipping/Packaging/Marking <input type="checkbox"/> Manufacturing Process Change <input checked="" type="checkbox"/> Other: <u>New probe platform</u>	
Sites Affected:	ON Semiconductor Sites: None	External Foundry/Subcon Sites: None
Description and Purpose:		
Effective immediately, <ul style="list-style-type: none"> • A new wafer probe location for the PYTHON CMOS Image Sensor family has been added to our manufacturing flow: <ul style="list-style-type: none"> ○ This allows managing the increasing demand in a more efficient manner by increasing our production capacity ○ This newly location is the internal ON Semiconductor site in Rochester, NY, USA. • A new test platform will be used for probing PYTHON12K, PYTHON16K and PYTHON25K including all product variants thereof <ul style="list-style-type: none"> ○ The new platform enables an enhanced test coverage, which ensures improved outgoing quality. ○ The majority of the tests at probe are also covered at Final Test, which is still on the original platform. <p>The change will not impact form, fit, or function of product. No changes have been made to the design nor packaging of the sensor. The only change as described in the Product Bulletin is the addition of an extra test facility and test set up, using exactly the same test software and criteria as before this new environment was added to our manufacturing flow. Users of the PYTHON products as listed below will not see any difference in product quality by this change.</p>		



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](#).

Product ID				
NOIP1SE012KA-GDI	PYTHON12K	Color		No protective tape
NOIP1SN012KA-GDI	PYTHON12K	Monochrome	No protective tape	
NOIP1FN012KA-GDI	PYTHON12K	NIR		No protective tape
NOIP1SE012KA-GTI	PYTHON12K	Color		Protective tape
NOIP1SN012KA-GTI	PYTHON12K	Monochrome	Protective tape	
NOIP1FN012KA-GTI	PYTHON12K	NIR		Protective tape
NOIP1SE016KA-GDI	PYTHON16K	Color		No protective tape
NOIP1SN016KA-GDI	PYTHON16K	Monochrome	No protective tape	
NOIP1FN016KA-GDI	PYTHON16K	NIR		No protective tape
NOIP1SE016KA-GTI	PYTHON16K	Color		Protective tape
NOIP1SN016KA-GTI	PYTHON16K	Monochrome	Protective tape	
NOIP1FN016KA-GTI	PYTHON16K	NIR		Protective tape
NOIP1SE025KA-GDI	PYTHON25K	Color		No protective tape
NOIP1SN025KA-GDI	PYTHON25K	Monochrome	No protective tape	
NOIP1FN025KA-GDI	PYTHON25K	NIR		No protective tape
NOIP1SE025KA-GTI	PYTHON25K	Color		Protective tape
NOIP1SN025KA-GTI	PYTHON25K	Monochrome	Protective tape	
NOIP1FN025KA-GTI	PYTHON25K	NIR		Protective tape
NOICPSN025KA-GTI	PYTHON25K	Monochrome	Protective tape	

Appendix A: Changed Products

Product	Customer Part Number
NOIP1FN012KA-GDI	
NOIP1FN016KA-GDI	
NOIP1FN025KA-GDI	
NOIP1SE012KA-GDI	
NOIP1SE016KA-GDI	
NOIP1SE025KA-GDI	
NOIP1SN012KA-GDI	
NOIP1SN016KA-GDI	
NOIP1SN025KA-GDI	