



GEFORCE GTX 1080 GPU

NPN-08043-001_v01 | April 2016

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New Product Notice

Jane Li NVIDIA Confidential
Gigabyte-GPU 2016-04-22 00:16:45

New Product Notice

NPN-08043-001_v01

New Product Introduction			
This NPN specifies the following new NVIDIA® GeForce® GTX 1080 GPU. This GPU is offered in the GB4-256 (2152-ball BGA, 37.5 mm × 37.5 mm) package only.			
Notification	April 2016	Planned Implementation	Now

Product Information	
These new products represent the high-end of the Enthusiast consumer desktop GPU segment. They are based on the new NVIDIA Pascal graphics architecture and will be manufactured using qualified suppliers per our approved suppliers' list and are RoHS and Halogen-free compliant.	
Key Specifications:	
	GTX 1080
Chip	GP104-400-A1
Device ID	0x1B80
Memory interface	256 bit GDDR5x
Package	GB4-256

Impact of Change and Recommended Action
NVIDIA is committed to providing our customers with quality products that push the edge of technology and at the same time enable product segmentation. To help guarantee a rapid time-to-market launch and smooth and uninterrupted product supply, NVIDIA strongly recommends that customers qualify these GPUs as soon as possible.

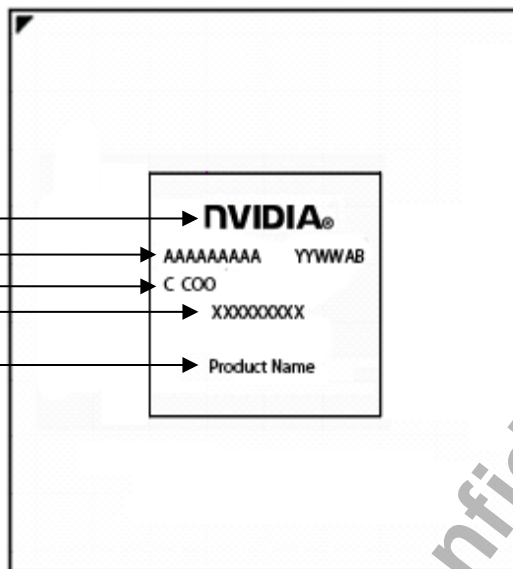
Forecasted Key Milestones
GTX 1080: QS April 15, 2016
GTX 1080: MP Mid-May 2016

Product Marking and Traceability

GTX 1080 Markings

Pin 1

Line 1 →
Line 2 →
Line 3 →
Line 4 →
Line 5 →



Pin 1: Location of Pin 1 in upper left when reading the marking.

Line 1: Company Name

Line 2: Lot identification lot number (AAAAAAAA),
- YYWW = Assembly date code
- AB = Mask revision

Line 3: Single alpha assembly plant identifier (C) and country of origin (COO):

- A = ASE
- SCC = STATSchipPAC
- S = SPIL

Country of origin = Taiwan for ASE and SPIL, and China for STATSchipPAC

Line 4: Wafer Fab lot number (XXXXXXXX).

The first character identifies the wafer Fab location:

- P = TSMC Fab 14

Line 5: Product Part Number, for example
XXXXX-XX-XX

Products Affected/Ordering Codes

Product	NVIDIA Part Number ¹	Marketing Part Number for P.O.	Comments
GTX 1080	GP104-400-A1	GP104-400-A1	37.5 mm × 37.5 mm 2152 ball BGA (GB4-256)

Note:

¹ The NVIDIA part number is provided in this document as a reference for product shipping and handling at factory. This part number is NVIDIA confidential.

Revision History

Version	Date	Authors	Description of Change
01	April 20, 2016	TR, DR	Initial release

Notice

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