



N18P-G61-MP2 and N18P-G62 GPUs

New Product Notice

Document History

NPN-09529-001_v04

Version	Date	Authors	Description of Change
01	July 1, 2019	MA, DV	Initial release
02	July 17, 2019	RK, DV	Corrected typos: replaced two instances of A2 with A1
03	November 15, 2019	MA, DV	Updated P-G61 part number for PS and MP to P-G61-MP
04	December 20, 2019	MA, DV	Updated P-G61 part number for MP to P-G61-MP2

New Product Notice

New Product Introduction			
NVIDIA® N18P-G61-MP2-A1 and N18P-G62-A1 GPUs			
Notification	December 20, 2019	Planned Implementation	Per schedules below

Product Information

This NPN specifies the new N18P-G61-MP2-A1 and N18P-G62-A1 laptop GPUs. Both GPUs are in the GB4D-128 (960-ball BGA, 29 mm × 29 mm) package only.

Please refer to N18P design documents and contact your local AE representatives for additional guidance. This will be manufactured using qualified suppliers per our approved suppliers list.

Key Specifications

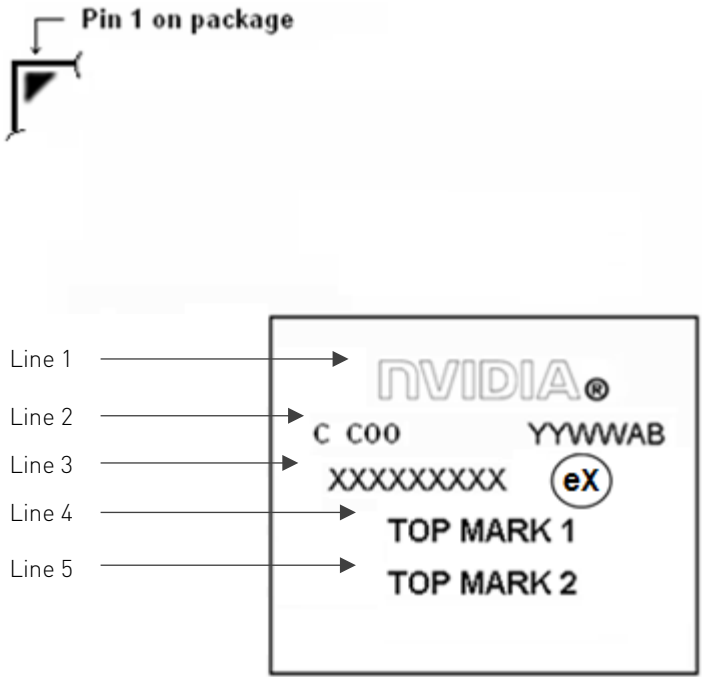
	N18P-G61-MP2	N18P-G62
Product Part Number	N18P-G61-MP2-A1	N18P-G62-A1
NVIDIA Part Number (used on labels of packaging materials)	TU117-753-A1	TU117-775-A1
Device ID	<ul style="list-style-type: none"> Primary: 0x1F99 Secondary: 0x1FD9 	<ul style="list-style-type: none"> Primary: 0x1F95 Secondary: 0x1FD5
Memory Interface	128-bit GDDR6	128-bit GDDR6
Package	GB4D-128	GB4D-128

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 N18P-G61-MP2 and N18P-G62 as soon as possible.

Forecasted Key Milestones

N18P-G62: QS	September 2019
N18P-G62: PS	December 2019
N18P-G62: MP	January 2020
N18P-G61: QS	September 2019
N18P-G61-MP: PS	December 2019
N18P-G61-MP2: MP	January 2020

Product Marking and Traceability	
<p>N18P-G61-MP2-A1 and N18P-G62-A1 Markings</p>  <p>Pin 1 on package</p> <p>Line 1 → NVIDIA®</p> <p>Line 2 → C C00 YYWWAB</p> <p>Line 3 → XXXXXXXXX (eX)</p> <p>Line 4 → TOP MARK 1</p> <p>Line 5 → TOP MARK 2</p>	<p>Pin 1: Location of Pin 1 in upper left when reading the marking.</p> <p>Line 1: Company Name</p> <p>Line 2: Vendor ID (C) Country of origin (C00) - A = ASE - B = Amkor K5 - K = Amkor K4 - R = Amkor - S = SPIL - T = TSMC Country of origin = Taiwan for ASE, Amkor, SPIL and TSMC, and Korea for Amkor K4 and Amkor K5 YYWW = Assembly date code AB = Die revision</p> <p>Line 3: Lot number (XXXXXXXX) (Assembly lot number from ABR) eX = e1 (SAC305)</p> <p>Line 4: Product Part Number</p> <p>Line 5: Qual/Eng Sample Line is blank for PS and MP</p>

Products Affected/Ordering Codes			
Product	Marketing Part Number for P.O.	NVIDIA Part Number ¹	Comments
N18P-G61-MP2-A1	N18P-G61-MP2-A1	TU117-753-A1	Requires Samsung or Micron GDDR6 with a date code restriction. Refer to the latest version of the <i>N18x Memory RVL</i> (RVL-08928-001) for additional details.
N18P-G62-A1	N18P-G62-A1	TU117-775-A1	Requires Samsung or Micron GDDR6 with a date code restriction. Refer to the latest version of the <i>N18x Memory RVL</i> (RVL-08928-001) for additional details.

Note:

- The NVIDIA Part Number is provided in this document as a reference product shipping and handling at factory. This is NVIDIA confidential.

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