



## Product Change Notice

Micron PCN: 31160  
 Date: 2/17/2014

<b>Type of Change:</b>	Notification	
<b>Title of Change:</b>	(DPD) Deep Power Down Exit requirements updated in the datasheet	
<b>Description of Change:</b>	Micron is updating the DPD mode exit requirements in the T67M, T68M, T79M, and T89M datasheets. This is not a change in device functionality, but a clarification of device functionality. This is to be considered as a customer notification or a documentation update ONLY as there have been no physical changes made to the device. Applications that do not use DPD are not impacted. Applications that do use DPD but contain only a single die T67M, T68M, T79M, or T89M solution on the memory bus are not impacted. Applications that do implement multiple die but are configured as single rank (CS) are also not impacted.	
<b>Reason for Change:</b>	Notification	
<b>Contact Information:</b>	<u>Marketing Contact</u> BRYAN POWELL Micron Semiconductor Prds <a href="mailto:BGPOWELL@MICRON.COM">BGPOWELL@MICRON.COM</a>	<u>Engineering Contact</u> JOHN BEHREND Micron Semiconductor Prds <a href="mailto:JBEHREND@MICRON.COM">JBEHREND@MICRON.COM</a>

**Product Affected:** All T67M, T68M, T79M, or T89M discrete components and MCP's.

### Affected Micron Part Number

MT46H32M32LFB5-5 IT:B	MT46H64M16LFBF-5 AIT:B	MT46H256M32R4JV-6 IT:B
MT46H32M32LFB5-6 AT:B	MT46H64M32LFCX-6 IT:B	MT46H256M32L4SA-48 WT:C
MT46H32M32LFB5-5 AIT:B	MT46H64M16LFBF-48 IT:B	MT46H256M32R4JV-5 IT:B
MT46H32M32LFB5-5 AT:B	MT46H64M16LFBF-6 IT:B	MT46H256M32L4JV-5 WT:B
MT46H32M32LFMA-5 IT:B	MT46H64M32LFCX-6 AT:B	MT46H256M32L4JV-6 WT:B
MT46H32M32LFMA-6 IT:B	MT46H64M16LFBF-5 IT:B	MT46H16M32LFB5-6 IT:C
MT46H32M32LFB5-6 IT:B	MT46H64M16LFBF-6 AT:B	MT46H16M32LFBQ-5 AAT:C
MT46H32M32LFMA-5 AT:B	MT46H32M16LFBF-5 IT:C	MT46H32M16LFBF-5 AIT:C
MT46H32M32LFB5-5 AAT:B	MT46H128M32L2KQ-6 IT:B	MT46H16M32LFB5-6 AT:C
MT46H32M16LFBF-6 AT:C	MT46H128M32L2KQ-6 WT:B	MT46H16M32LFT67M-N1003
MT46H32M16LFBF-6 IT:C	MT46H128M32L2KQ-5 IT:B	MT46H256M32R4JV-6 WT:B
MT46H32M16LFBF-6 AAT:C	MT46H128M32L2KQ-5 WT:B	MT46H16M32LFBQ-5 AIT:C
MT46H32M16LFBF-6 AIT:C	MT46H16M32LFB5-5 IT:C	MT46H32M32LFT68M-N1002
MT46H64M32LFMA-5 IT:B	MT46H16M32LFB5-6 AIT:C	MT46H64M32LFT79M-N1002
MT46H32M32LFB5-48 IT:B	MT46H128M32L2MC-5 WT:B	MT46H64M16LFT68M-N1001
MT46H64M32LFMA-6 IT:B	MT46H128M32L2MC-6 WT:B	MT46H64M32LFT79MWC1
MT46H64M32LFMA-5 WT:B	MT46H128M32L2KK-48 WT:C	MT46H64M32LFT79MWC2
MT46H64M32LFCX-6 WT:B	MT46H128M16LFB7-5 WT:B	MT46H16M32LFT67MWC2
MT46H64M32LFBQ-48 WT:C	MT46H128M16LFB7-6 IT:B	MT46H32M16LFT67M-N1001
MT46H64M32LFCX-48 IT:B	MT46H128M16LFB7-5 AIT:B	MT46H16M32LFT67MWC1
MT46H64M32LFBQ-48 AIT:C	MT46H128M16LFB7-5 IT:B	MT46H128M16LFT79MWC1
MT46H64M32LFBQ-48 IT:C	MT46H128M16LFDD-48 IT:C	MT46H16M32LFT67M-N1002

Note: Per JEDEC Standard JESD46-C Section 3.2.3; lack of acknowledgment of this PCN within 30 days constitutes acceptance of change



---

MT46H64M32LFCX-5 AT:B	MT46H128M16LFDD-48 WT:C	MT46H32M16LFT67MWC1
MT46H64M32LFCX-5 IT:B	MT46H128M16LFB7-6 WT:B	MT46H64M16LFT68MWC1
MT46H64M32LFCX-48 WT:B	MT46H128M16LFDD-48 AIT:C	MT46H64M16LFT68MWC2
MT46H64M32LFCX-5 AIT:B	MT46H256M32L4JV-5 IT:B	MT46H32M32LFT68MWC2
MT46H64M32LFCX-5 WT:B	MT46H256M32R4JV-5 WT:B	MT46H32M16LFT67MWC2
MT46H64M16LFBF-5 AAT:B	MT46H64M32LFMA-6 WT:B	MT46H32M32LFT68MWC1

---

**Method of Identification:**

The following data sheets will reflect the change in DPD mode requirements:

- T67M, 512Mb Mobile DDR — Rev. I, 1/14
- T68M, 1GbMb Mobile DDR — Rev. J, 1/14
- T79M, 1GbMb Mobile DDR — Rev. G, 1/14
- T89M, 1GbMb Automotive Mobile DDR — Rev. B (going to C.)

---

**Micron Sites Affected:** All Sites

---

**Product Ship Date:** 17-Feb-2014

---