

## PCN200301-B

### End-of-Life Notification For DDR3L B-Die

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#### Affected Part Number(s):

D2516EC4BXGGB  
D2516EC4BXGGBI  
D2516EC4BXGGBI-R  
D2516EC4BXGGBI-U  
D2516EC4BXGGB-R  
D2516EC4BXGGB-U  
D2516EC4BXGJD-U  
D5128EC4BPGJDU-U  
D5128EETBPGGBU  
D5128EC4BPGGBUI  
D5128EC4BPGGBUI-U  
D5128EETBPGGBU-U

#### Date Issued:

24 March 2020

#### Change Description:

Kingston's DDR3L 38nm "B" die will be going end-of-life (EOL) this year. All production of the "B" die will be halted as production capacity for "B" die will be shifting to the newer 25nm "D" die.

#### Considerations / Impact:

The DDR3L D die is functionally equivalent to the B die. It is mature and has been in production for several years. The current system install base for the D die is the same as the B die. Many System-on-a-Chip (SoC) DRAM memory controllers can be tuned to optimize timing for specific DRAM die. Although timing and signal behavior for the D and B die are very similar, if your system requires DRAM tuning, consideration should be given to evaluate D die tuning results and update DRAM tuning parameters as needed.

## Replacement Part and Last Time Buy (LTB):

Affected Part Numbers	Recommended Replacement Part Number	Sample Available Date	Last Time Buy (LTB) Date <sup>(1)(2)(3)(4)</sup>
D2516EC4BXGGB	D2516ECMDXGJD-U	Now	Sep 30 <sup>th</sup> , 2020
D2516EC4BXGGBI	D2516ECMDXGJDI-U	Now	Sep 30 <sup>th</sup> , 2020
D2516EC4BXGGBI-R	D2516ECMDXGJDI-R	Now	Sep 30 <sup>th</sup> , 2020
D2516EC4BXGGBI-U	D2516ECMDXGJDI-U	Now	Sep 30 <sup>th</sup> , 2020
D2516EC4BXGGB-R	D2516ECMDXGJD-R	Now	Sep 30 <sup>th</sup> , 2020
D2516EC4BXGGB-U	D2516ECMDXGJD-U	Now	Sep 30 <sup>th</sup> , 2020
D2516EC4BXGJD-U	D2516ECMDXGJD-U	Now	Sep 30 <sup>th</sup> , 2020
D5128EC4BPGJDU-U	D5128ECMDPGJD-U	Now	Sep 30 <sup>th</sup> , 2020
D5128EETBPGGBU	D5128ECMDPGJD-U	Now	Sep 30 <sup>th</sup> , 2020
D5128EC4BPGGBUI	D5128ECMDPGJDI-U	Now	Sep 30 <sup>th</sup> , 2020
D5128EC4BPGGBUI-U	D5128ECMDPGJDI-U	Now	Sep 30 <sup>th</sup> , 2020
D5128EETBPGGBU-U	D5128ECMDPGJD-U	Now	Sep 30 <sup>th</sup> , 2020

### Notes

- (1) Last time ship date can be arranged within 3 months of the LTB date. All LTB orders are NCNR.
- (2) An increase in demand may cause the LTB date to be pulled in. Please contact your Kingston representative to forecast and to assist with replacement part sampling.
- (3) A mutually agreed upon forecast between Kingston and the customer for the LTB quantity is needed 3 months prior to the LTB date in order to secure LTB quantity.
- (4) LTB availability is on a first-come, first-served basis.