

## Product Change Notification

2017/10/13

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## **Product Change Notification**

### **Change Title:**

Pretec SRAM and Linear Flash Card change Notice

### **Date of PCN Publication:**

Oct.13, 2017

### **Type of Change Notification:**

8-bit/16-bit signal Data Bus Auto Transfer Change Update

## Key Characteristics of the Change:

- (A) The Data Bus Auto Transfer IC is EOL.
- (B) All Pretec SRAM/Linear Flash will be 16-bit only. Or 8-bit only. **Except S6F/S6P/S6M product line. S6F/S6P/S6M, after the old stock, will be fully EOL.**
- (C) For example, the S65001, SRAM card, will become two models: S65001-08 for 8-bit device, and S65001-16 for 16-bit device.

## Product Change Schedule:

Pretec is doing the last buy for old SRAM/LF cards. Need to get all last buy Qty in July, 2017. Then, running change to the 16-bit/8-bit separated solutions.

## Part Number Change:

The Part Numbers is changed as below table.

**Note: SN5XXX product line is from S65XXX, just without the 8KB A/M (attribute memory).**

**SN5XXX, same as S65XXX is EOL. And, is modified to SN5XXX-08/SN5XXX-16. (for 8-bit/16-bit, two separated models).**

Capacity	OLD Part No.	NEW Part No. for 16-bit	NEW Part No. for 8-bit
<b>SRAM Card</b>			
<b>Commercial Series 0°C ~ 70°C</b>			
256KB	S65256	S65256-16	S65256-08
512KB	S65512	S65512-16	S65512-08
1MB	S65001	S65001-16	S65001-08
2MB	S65002	S65002-16	S65002-08
4MB	S65004	S65004-16	S65004-08
6MB	S65006	S65006-16	S65006-08
8MB	S65008	S65008-16	S65008-08
<b>Wide temp Series -20°C ~ 85°C</b>			
256KB	S65256-I	S65256-I-16	S65256-I-08
512KB	S65512-I	S65512-I-16	S65512-I-08
1MB	S65001-I	S65001-I-16	S65001-I-08
2MB	S65002-I	S65002-I-16	S65002-I-08
4MB	S65004-I	S65004-I-16	S65004-I-08
6MB	S65006-I	S65006-I-16	S65006-I-08
8MB	S65008-I	S65008-I-16	S65008-I-08
<b>Industrial Series -40°C ~ 85°C</b>			
256KB	S65256-E	S65256-E-16	S65256-E-08

512KB	S65512-E	S65512-E-16	S65512-E-08
1MB	S65001-E	S65001-E-16	S65001-E-08
2MB	S65002-E	S65002-E-16	S65002-E-08
4MB	S65004-E	S65004-E-16	S65004-E-08
6MB	S65006-E	S65006-E-16	S65006-E-08
8MB	S65008-E	S65008-E-16	S65008-E-08

## Linear Flash Card

### Flash Series-I ( Intel series I compatible )

#### Commercial Series 0C ~ 70C

256KB	F61256	F61256-16	F61256-08
512KB	F61512	F61512-16	F61512-08
1MB	F61001	F61001-16	F61001-08
2MB	F61002	F61002-16	F61002-08

#### Wide temp Series -20°C ~ 85°C

256KB	F61256-I	F61256-I-16	F61256-I-08
512KB	F61512-I	F61512-I-16	F61512-I-08
1MB	F61001-I	F61001-I-16	F61001-I-08
2MB	F61002-I	F61002-I-16	F61002-I-08

#### Industrial Series -40°C ~ 85°C

256KB	F61256-E	F61256-E-16	F61256-E-08
512KB	F61512-E	F61512-E-16	F61512-E-08
1MB	F61001-E	F61001-E-16	F61001-E-08
2MB	F61002-E	F61002-E-16	F61002-E-08

### Flash Series-II ( Intel series II compatible )

#### Commercial Series 0°C ~ 70°C

2MB	F62002	F62002-16	F62002-08
4MB	F62004	F62004-16	F62004-08
8MB	F62008	F62008-16	F62008-08

#### Wide temp Series -20°C ~ 85°C

2MB	F62002-I	F62002-I-16	F62002-I-08
4MB	F62004-I	F62004-I-16	F62004-I-08
8MB	F62008-I	F62008-I-16	F62008-I-08

#### Industrial Series -40°C ~ 85°C

2MB	F62002-E	F62002-E-16	F62002-E-08
4MB	F62004-E	F62004-E-16	F62004-E-08
8MB	F62008-E	F62008-E-16	F62008-E-08

### FLASH Series-5 ( Alternative solution of Intel series II+ )

#### Commercial Series 0°C ~ 70°C

2MB	F63002	F63002-16	F63002-08
4MB	F63004	F63004-16	F63004-08

8MB	F63008	F63008-16	F63008-08
16MB	F63016	F63016-16	F63016-08
<b>Wide temp Series -20°C ~ 85°C</b>			
2MB	F63002-I	F63002-I-16	F63002-I-08
4MB	F63004-I	F63004-I-16	F63004-I-08
8MB	F63008-I	F63008-I-16	F63008-I-08
16MB	F63016-I	F63016-I-16	F63016-I-08
<b>Industrial Series -40°C ~ 85°C</b>			
2MB	F63002-E	F63002-E-16	F63002-E-08
4MB	F63004-E	F63004-E-16	F63004-E-08
8MB	F63008-E	F63008-E-16	F63008-E-08
16MB	F63016-E	F63016-E-16	F63016-E-08
<b>Flash Series-C ( AMD series C compatible )</b>			
<b>Commercial Series 0°C ~ 70°C</b>			
1MB	F6C001	F6C001-16	F6C001-08
2MB	F6C002	F6C002-16	F6C002-08
4MB	F6C004	F6C004-16	F6C004-08
<b>Wide temp Series -20°C ~ 85°C</b>			
1MB	F6C001-I	F6C001-I-16	F6C001-I-08
2MB	F6C002-I	F6C002-I-16	F6C002-I-08
4MB	F6C004-I	F6C004-I-16	F6C004-I-08
<b>Industrial Series 40°C ~ 85°C</b>			
1MB	F6C001-E	F6C001-E-16	F6C001-E-08
2MB	F6C002-E	F6C002-E-16	F6C002-E-08
4MB	F6C004-E	F6C004-E-16	F6C004-E-08
<b>Flash Series-D( AMD series D compatible )</b>			
<b>Commercial Series 0°C ~ 70°C</b>			
4MB	F6D004	F6D004-16	F6D004-08
8MB	F6D008	F6D008-16	F6D008-08
16MB	F6D016	F6D016-16	F6D016-08
<b>Wide temp Series -20°C ~ 85°C</b>			
4MB	F6D004-I	F6D004-I-16	F6D004-I-08
8MB	F6D008-I	F6D008-I-16	F6D008-I-08
16MB	F6D016-I	F6D016-I-16	F6D016-I-08
<b>Industrial Series -40°C ~ 85°C</b>			
4MB	F6D004-E	F6D004-E-16	F6D004-E-08
8MB	F6D008-E	F6D008-E-16	F6D008-E-08
16MB	F6D016-E	F6D016-E-16	F6D016-E-08

## Description of Change:

This change is related to data bus auto transfer IC EOL. The core solution, especially the SRAM Memory, Linear Flash Memory, remains the same. Thus, neither hardware nor reliability concern would be raised. And it doesn't have an impact on performance issue.

### **Recommended Action:**

Please check the device side request ( 8-bit or 16-bit). Kindly have the suitable SRAM/LF cards for testing approval. Should you have any issues, please contact the Pretec sales or FAE.

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