

## **Product Change Notification**

2017/07/05

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## **Product Change Notification**

### **Change Title:**

Pretec SRAM and Linear Flash Card change Notice

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

July.05, 2017

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

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

## 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.
- (C) For example, the S65001, SRAM card, will become two models: S65001-8 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.

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,,8KB A/M,60mAh battery,plastic Type I</b>			
1MB	S6F201C	S6F201C-16	S6F201C-8
2MB	S6F202C	S6F202C-16	S6F202C-8
4MB	S6F204C	S6F204C-16	S6F204C-8
6MB	S6F206C	S6F206C-16	S6F206C-8
8MB	S6F208C	S6F208C-16	S6F208C-8
16MB	S6F216C	S6F216C-16	S6F216C-8
<b>Industrial Series -40°C ~ 85°C,,8KB A/M,60mAh battery,Metal Type I</b>			
1MB	S6M201E	S6M201E-16	S6M201E-8
2MB	S6M202E	S6M202E-16	S6M202E-8
4MB	S6M204E	S6M204E-16	S6M204E-8
6MB	S6M206E	S6M206E-16	S6M206E-8
8MB	S6M208E	S6M208E-16	S6M208E-8
16MB	S6M216E	S6M216E-16	S6M216E-8
<b>Commercial Series 0°C ~ +70°C,,8KB A/M,130mAh battery,Plastic Type II</b>			
1MB	S6P401C	S6P401C-16	S6P401C-8
2MB	S6P402C	S6P402C-16	S6P402C-8
4MB	S6P404C	S6P404C-16	S6P404C-8
6MB	S6P406C	S6P406C-16	S6P406C-8
8MB	S6P408C	S6P408C-16	S6P408C-8
16MB	S6P416C	S6P416C-16	S6P416C-8
<b>Industrial Series -40°C ~ 85°C,,8KB A/M,130mAh battery,Metal Type II</b>			

1MB	S6R401E	S6R401E-16	S6R401E-8
2MB	S6R402E	S6R402E-16	S6R402E-8
4MB	S6R404E	S6R404E-16	S6R404E-8
6MB	S6R406E	S6R406E-16	S6R406E-8
8MB	S6R408E	S6R408E-16	S6R408E-8
16MB	S6R416E	S6R416E-16	S6R416E-8
<b>Commercial Series 0°C ~ 70°C</b>			
256KB	S65256	S65256-16	S65256-8
512KB	S65512	S65512-16	S65512-8
1MB	S65001	S65001-16	S65001-8
2MB	S65002	S65002-16	S65002-8
4MB	S65004	S65004-16	S65004-8
6MB	S65006	S65006-16	S65006-8
8MB	S65008	S65008-16	S65008-8
<b>Wide temp Series -20°C ~ 85°C</b>			
256KB	S65256-I	S65256-I-16	S65256-I-8
512KB	S65512-I	S65512-I-16	S65512-I-8
1MB	S65001-I	S65001-I-16	S65001-I-8
2MB	S65002-I	S65002-I-16	S65002-I-8
4MB	S65004-I	S65004-I-16	S65004-I-8
6MB	S65006-I	S65006-I-16	S65006-I-8
8MB	S65008-I	S65008-I-16	S65008-I-8
<b>Industrial Series -40°C ~ 85°C</b>			
256KB	S65256-E	S65256-E-16	S65256-E-8
512KB	S65512-E	S65512-E-16	S65512-E-8
1MB	S65001-E	S65001-E-16	S65001-E-8
2MB	S65002-E	S65002-E-16	S65002-E-8
4MB	S65004-E	S65004-E-16	S65004-E-8
6MB	S65006-E	S65006-E-16	S65006-E-8
8MB	S65008-E	S65008-E-16	S65008-E-8
<b>Linear Flash Card</b>			
<b>Flash Series-I (Intel series I compatible)</b>			
<b>Commercial Series 0C ~ 70C</b>			
256KB	F61256	F61256-16	F61256-8
512KB	F61512	F61512-16	F61512-8
1MB	F61001	F61001-16	F61001-8
2MB	F61002	F61002-16	F61002-8
<b>Wide temp Series -20°C ~ 85°C</b>			
256KB	F61256-I	F61256-I-16	F61256-I-8
512KB	F61512-I	F61512-I-16	F61512-I-8

1MB	F61001-I	F61001-I-16	F61001-I-8
2MB	F61002-I	F61002-I-16	F61002-I-8
<b>Industrial Series -40°C ~ 85°C</b>			
256KB	F61256-E	F61256-E-16	F61256-E-8
512KB	F61512-E	F61512-E-16	F61512-E-8
1MB	F61001-E	F61001-E-16	F61001-E-8
2MB	F61002-E	F61002-E-16	F61002-E-8
<b>Flash Series-II ( Intel series II compatible )</b>			
<b>Commercial Series 0°C ~ 70°C</b>			
2MB	F62002	F62002-16	F62002-8
4MB	F62004	F62004-16	F62004-8
8MB	F62008	F62008-16	F62008-8
<b>Wide temp Series -20°C ~ 85°C</b>			
2MB	F62002-I	F62002-I-16	F62002-I-8
4MB	F62004-I	F62004-I-16	F62004-I-8
8MB	F62008-I	F62008-I-16	F62008-I-8
<b>Industrial Series -40°C ~ 85°C</b>			
2MB	F62002-E	F62002-E-16	F62002-E-8
4MB	F62004-E	F62004-E-16	F62004-E-8
8MB	F62008-E	F62008-E-16	F62008-E-8
<b>FLASH Series-5 ( Alternative solution of Intel series II+ )</b>			
<b>Commercial Series 0°C ~ 70°C</b>			
2MB	F63002	F63002-16	F63002-8
4MB	F63004	F63004-16	F63004-8
8MB	F63008	F63008-16	F63008-8
16MB	F63016	F63016-16	F63016-8
<b>Wide temp Series -20°C ~ 85°C</b>			
2MB	F63002-I	F63002-I-16	F63002-I-8
4MB	F63004-I	F63004-I-16	F63004-I-8
8MB	F63008-I	F63008-I-16	F63008-I-8
16MB	F63016-I	F63016-I-16	F63016-I-8
<b>Industrial Series -40°C ~ 85°C</b>			
2MB	F63002-E	F63002-E-16	F63002-E-8
4MB	F63004-E	F63004-E-16	F63004-E-8
8MB	F63008-E	F63008-E-16	F63008-E-8
16MB	F63016-E	F63016-E-16	F63016-E-8
<b>Flash Series-C ( AMD series C compatible )</b>			
<b>Commercial Series 0°C ~ 70°C</b>			
1MB	F6C001	F6C001-16	F6C001-8
2MB	F6C002	F6C002-16	F6C002-8

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

## 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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