

Product: IT1167B

Date: 8/17/2011

Document Type: Flash Support List

Ref. No.: IT1167B A/AX Flash Support List-28

Subject: IT1167B A/AX Flash Compatibility List

This document shows the flash compatibility list of the series of IT1167B A/AX controller.

DtMPTool version: 1.67B.11.0

Vendor	Type	Page Size	CE #	Part No.	Flash ID	Flash ECC	Process Identifier	BUS Width	Density	MP Format Density (MB)		FW ver.	Note
										Single	Dual		
Samsung	MLC	8K	1	K9GAG08U0E	ec d5 84 72 50	24bit / 1KBytes	32 nm	x8	2GB	1,919	3,846	3.31S	
	MLC	8K	1	K9GAG08U0F	ec d5 94 76 54	24bit / 1KBytes	27 nm	x8	2GB	1,919	3,846	3.31S	
	MLC	8K	1	K9LBG08U0E	ec d7 c5 72 54	24bit / 1KBytes	32 nm	x8	4GB	3,846	7,686	3.31S	
	MLC	8K	1	K9GBGD8U0A	ec d7 94 7a 54	24bit / 1KBytes	27 nm	x8	4GB	3,846	n/a	3.31S	3
	MLC	8K	1	K9GBG08U0A	ec d7 94 76 64	24bit / 1KBytes	27 nm	x8	4GB	3,846	7,686	3.31S	
	MLC	8K	1	K9LCG08U0A	ec de 95 76 68	24bit / 1KBytes	27 nm	x8	8GB	7,686	15,468	3.31S	
	TLC	8K	1	K9ABG08U0A	ec d7 98 ca 54	24bit / 1KBytes	32 nm	x8	4GB	3,846	7,686	3.31S04	
	TLC	8K	2	K9BCG08U1A	ec d7 98 ca 54	24bit / 1KBytes	32 nm	x8	8GB	7,686	15,468	3.31S04	2
	TLC	8K	4	K9CDG08U5A	ec d7 98 ca 54	24bit / 1KBytes	32 nm	x8	16GB	15,468	30,936	3.31S04	2
Hynix	MLC	8K	1	H27UBG8T2ATR	ad d7 94 9a 74	24bit / 1KBytes	32 nm	x8	4GB	3,846	7,686	3.31S	

Hynix	MLC	8K	2	H27UCG8U5ATR	ad d7 94 9a 74	24bit / 1KBytes	32 nm	x8	8GB	7,686	15,468	3.31S	2
	MLC	8K	2	H27UDG8V5ATR	ad de 95 9a 78	24bit / 1KBytes	32 nm	x8	16GB	15,468	30,936	3.31S	2
	TLC	8K	1	H27UBG8M2AYR	ad d7 18 8d 04	24bit / 1KBytes	32 nm	x8	4GB	3,846	7,686	3.31S03	
	MLC	8K	1	H27UAG8T2BTR	ad d5 94 9a 74	24bit / 1KBytes	32 nm	x8	2GB	1,919	3,846	3.31S02	
	MLC	8K	1	H27UBG8T2BTR	ad d7 94 da 74	24bit / 1KBytes	26 nm	x8	4GB	3,846	7,686	3.31S05	
	MLC	8K	1	H27UCG8T2MYR	ad de 94 d2 04	24bit / 1KBytes	26 nm	x8	8GB	7,686	15,468	3.31S12	
Intel	MLC	4k	1	29F16G08AAMDB	89 48 04 46 a5	12bit / 540Bytes	34 nm	x8	2GB	1,919	3,846	3.31S	
	MLC	4K	1	29F32G08AAMDB	89 68 04 46 89(a9)	12bit / 540Bytes	34 nm	x8	4GB	3,846	7,686	3.31S	
	MLC	4K	2	29F64G08CAMDB	89 68 04 46 89(a9)	12bit / 540Bytes	34 nm	x8	8GB	7,686	15,468	3.31S	2
	MLC	4K	4	29F16B08JAMDB	89 68 04 46 89(a9)	12bit / 540Bytes	34 nm	x8	16GB	15,468	30,936	3.31S	2
	MLC	4K	1	29F16G08AAME1	89 48 04 4a a5	24bit / 1KBytes	25 nm	x8	2GB	1,919	3,846	3.31S	
	MLC	4K	1	29F32G08AAME1	89 68 24 4a a9	24bit / 1KBytes	25 nm	x8	4GB	3,846	7,686	3.31S	
	MLC	8K	1	29F64G08AAME1	89 88 24 4b a9	24bit / 1KBytes	25 nm	x8	8GB	7,686	15,468	3.31S	
	MLC	8K	2	29F16B08CAME1	89 88 24(04) 4b a9	24bit / 1KBytes	25 nm	x8	16GB	15,468	30,936	3.31S	2
	MLC	8K	4	29F32B08JAME1	89 88 24(04) 4b a9	24bit / 1KBytes	25 nm	x8	32GB	30,936	61,872	3.31S	2
Micron	MLC	4k	1	MT29F32G08CBABA	2c 68 04 46 89	12bit / 540Bytes	34 nm	x8	4GB	3,846	7,686	3.31S	
	MLC	4k	2	MT29F64G08CFABA	2c 68 04 46 89	12bit / 540Bytes	34 nm	x8	8GB	7,686	15,468	3.31S	2
	MLC	4K	1	29F32G08CBACA	2c 68 04 4a a9	24bit / 1KBytes	25 nm	x8	4GB	3,846	7,686	3.31S	
	MLC	4K	2	29F64G08CFACA	2c 68 04 4a a9	24bit / 1KBytes	25 nm	x8	8GB	7,686	15,468	3.31S	2
	MLC	8K	1	29F64G08CBAAA	2c 88 04 4b a9	24bit / 1KBytes	25 nm	x8	8GB	7,686	15,468	3.31S	
	MLC	8K	2	29F128G08CFAAA	2c 88 04 4b a9	24bit / 1KBytes	25 nm	x8	16GB	15,468	30,936	3.31S	2

Toshiba	MLC	8K	1	TC58NVG4D2FTA00	98 d5 94 32 76	24bit / 1KBytes	32 nm	x8	2GB	1,919	3,846	3.31S	
	MLC	8K	1	TH58NVG5D2FTAI0	98 d7 94 32 76	24bit / 1KBytes	32 nm	x8	4GB	3,846	7,686	3.31S	
	MLC	8K	2	TH58NVG5D2FTA20	98 d5 94 32 76	24bit / 1KBytes	32 nm	x8	4GB	3,846	7,686	3.31S	2
	MLC	8K	2	TH58NVG6D2FTA20	98 d7 94 32 76	24bit / 1KBytes	32 nm	x8	8GB	7,686	15,468	3.31S	2
	MLC	8K	1	TC58NVG5D2HTA00	98 d7 94 32 76	TBD.	24 nm	x8	4GB	3,846	7,686	3.31S	
	TLC	8K	1	TC58NVG4T2ETA00	98 d5 98 b2 76	24bit / 1KBytes	43 nm	x8	2GB	1,919	3,846	3.31S	
	TLC	8K	1	TC58NVG5T2ETA00	98 d7 98 b2 76	24bit / 1KBytes	43 nm	x8	4GB	3,846	7,686	3.31S	
	TLC	8K	2	TH58NVG5T2ETA20	98 d5 98 b2 76	24bit / 1KBytes	43 nm	x8	4GB	3,846	7,686	3.31S	2
	TLC	8K	2	TH58NVG6T2ETA2A	98 d7 99 b2 7a	24bit / 1KBytes	43 nm	x8	8GB	7,686	15,468	3.31S	2
	MLC	8K	1	TC58NVG6D2GTA00	98 de 94 82 76	TBD.	24 nm	x8	8GB	7,686	15,468	3.31S07	
	MLC	8K	2	TH58NVG7D2GTA20	98 de 94 82 76	TBD.	24 nm	x8	16GB	15,468	30,936	3.31S07	2
SanDisk	MLC	8K	1	SDTNPQAHM-008G	45 de 94 82 76	16bit / 512Bytes	24 nm	x8	8GB	7,686	15,468	3.31S06	
PSC	MLC	4K	1	PIUAGA30AT	c8 d5 14 29 b4	8bit / 512 Bytes	-	x8	2GB	1,919	3,846	3.31S	

ES sample Flash :

Vendor	Type	Page Size	CE #	Part No.	Date Code	Flash ID	Flash ECC	Process Identifier	Density	MP Format Density (MB)		FW ver.	Note
Micron	SLC	4K	1	29F16G08ABABA ES	0920	2c 48 00 26 89	4bit / 540	34 nm	2GB	1,935	3,878	3.31S	4
	MLC	4K	1	29F16G08CBACA ES	1036	2c 48 04 4a a5	24bit /1K	25 nm	2GB	1,919	3,846	3.31S	4
	MLC	4K	2	29F32G08CFACA ES	1036	2c 48 04 4a a5	24bit /1K	25 nm	4GB	3,846	7,686	3.31S	2,4
	MLC	8K	2	29F25608CJAAA ES	1020	2c a8 25 cb a9	24bit /1K	25 nm	32GB	30,936	61,872	3.31S	2,4

Note:

1. Please contact our FAE for consultation.
2. Support Interleave function.
3. Support single channel only
4. ES sample flash

本表所列之flash為以聯陽半導體實驗室之樣品為測試標準並通過72小時讀寫測試.

The listed flash devices are based on ITE laboratory sample and pass 72 hours burn-in test.