

Product: UT165

Date: 10/06/2009

Document Type: Flash Support List

Ref. No.: UT165 A1B Flash Support List-17

## Subject: UT165 A1B Flash Compatibility List

This document shows the flash compatibility list of the series of UT165 A1B controller.

MP tool version: 1.65.25.0

Vendor	Type	Page Size	Part No.	Flash ID	Flash ECC	Process Identifier	Density	MP Format Density		CE #	MP Tool F/W Version		UT165 A0A	Note
								Single	Dual		Single	Dual		
Samsung	SLC	2k	K9F4G08U0A	EC DC 10 95 54	1bit / 512Bytes	-	512MB	489MB	979MB	1	BM0788	BM0788		
	SLC	4k	K9F8G08U0M	EC D3 10 A6 64	1bit / 512Bytes	52nm	1GB	979 MB	1959 MB	1	BM0788	BM0788		
	SLC	4k	K9K8G08U0A	EC D3 51 95 58	1bit / 512Bytes	-	1GB	979 MB	1959 MB	1	BM4788	BM0788		5
	SLC	4k	K9K8G08U0B	EC D3 51 95 58	1bit / 512Bytes	50nm	1GB	979 MB	1959 MB	1	BM4788	BM0788		5
	SLC	4k	K9KAG08U0M	EC D5 51 A6 68	1bit / 512Bytes	51nm	2GB	1959 MB	3909 MB	1	BM4788	BM0788		5
	SLC	2k	K9WAG08U1A	EC D3 51 95 58	1bit / 512Bytes	-	2GB	1959 MB	3909 MB	2	BM3788	BM0788		5
	SLC	2k	K9WAG08U1B	EC D3 51 95 58	1bit / 512Bytes	50nm	2GB	1959 MB	3909 MB	2	BM3788	BM0788		5
	SLC	4k	K9WBG08U1M	EC D5 51 A6 68	1bit / 512Bytes	50nm	4GB	3909 MB	7813 MB	2	BM3788	BM0788		5
	MLC	2K	K9G4G08U0A	EC DC 14 25 54	4bit / 512Bytes	-	512MB	481MB	963MB	1	BM0788	BM0788		
	MLC	2k	K9G8G08U0A	EC D3 14 A5 64	4bit / 512Bytes	51nm	1GB	963 MB	1927 MB	1	BM0788	BM0788		
	MLC	2k	K9G8G08U0B	EC D3 14 A5 64	4bit / 512Bytes	50nm	1GB	963 MB	1927 MB	1	BM0788	BM0788		

<b>Samsung</b>	MLC	2k	K9L8G08U0A	EC D3 55 25 58	4bit / 512Bytes	51nm	1GB	963 MB	1927 MB	1	BM4788	BM0788		5
	MLC	2k	K9LAG08U0A	EC D5 55 A5 68	4bit / 512Bytes	51nm	2GB	1927 MB	3846 MB	1	BM4788	BM0788		5
	MLC	2k	K9LAG08U0B	EC D5 55 A5 68	4bit / 512Bytes	50nm	2GB	1927 MB	3846 MB	1	BM4788	BM0788		5
	MLC	4k	K9GAG08U0D	EC D5 94 29 34	8bit / 512Bytes	42nm	2GB	1927 MB	3846 MB	1	BM0788	BM0788	V	6
	MLC	4k	K9GAG08U0M	EC D5 14 B6 74	4bit / 512Bytes	51nm	2GB	1927 MB	3846 MB	1	BM0788	BM0788	V	6
	MLC	4k	K9LBG08U0D	EC D5 94 29 38	4bit / 512Bytes	42nm	4GB	3846 MB	7686 MB	1	BM4788	BM0788	V	5,6
	MLC	4k	K9LBG08U0M	EC D7 55 B6 78	4bit / 512Bytes	51nm	4GB	3846 MB	7686 MB	1	BM4788	BM0788		5
	MLC	4k	K9LBG08U1M	EC D5 14 B6 74	4bit / 512Bytes	51nm	4GB	3846 MB	7686 MB	2	BM3788	BM0788	V	5,6
	MLC	4k	K9HBG08U1A	EC D5 55 A5 68	4bit / 512Bytes	51nm	4GB	3846 MB	7686 MB	2	BM3788	BM0788		5
	MLC	4k	K9HBG08U1M	EC D5 55 25 68	4bit / 512Bytes	-	4GB	3846 MB	7686 MB	2	BM3788	BM0788		5
	MLC	4k	K9HCG08U1M	EC D7 55 B6 78	4bit / 512Bytes	51nm	8GB	7686 MB	15406 MB	2	BM3788	BM0788	V	5,6
	MLC	4k	K9HCG08U1D	EC D7 D5 29 38	4bit / 512Bytes	42nm	8GB	7686 MB	15406 MB	2	BM3788	BM0788	V	5,6
	MLC	4k	K9MDG08U5D	EC D7 D5 29 38	4bit / 512Bytes	42nm	16GB	15406 MB	30814 MB	4	BM3788	BM0788	V	5,6
	SLC	2k	HY27UF084G2B	AD DC 10 95 54	1bit / 512Bytes	-	512MB	489MB	979MB	1	BM0788	BM0788		
<b>Hynix</b>	SLC	2k	HY27UG088G5M	AD DC 80 95 AD	1bit / 512Bytes	-	1GB	979 MB	1959 MB	2	BM0788	BM0788		
	SLC	2k	HY27UG088G5B	AD DC 10 95 54	1bit / 512Bytes	57nm	1GB	979 MB	1959 MB	2	BM3788	BM0788		5
	MLC	2k	HY27UT084G2M	AD DC 84 25 AD	4bit / 512Bytes	-	512MB	481MB	963MB	1	BM0788	BM0788		
	MLC	2k	HY27UT088G2M	AD D3 14 A5 64	4bit / 512Bytes	-	1GB	963 MB	1927 MB	1	BM0788	BM0788		
	MLC	2k	HY27UU088G5M	AD DC 84 25 AD	4bit / 512Bytes	-	1GB	963 MB	1927 MB	2	BM3788	BM0788		5
	MLC	2k	HY27UU08AG5A	AD D3 14 A5 34	4bit / 512Bytes	57nm	2GB	1927 MB	3846 MB	2	BM3788	BM0788		5
	MLC	2k	HY27UW08BGFM	AD D3 85 25 AD	4bit / 512Bytes	-	4GB	3846 MB	7686 MB	4	BM0788	BM0788		
	MLC	2k	HY27UW08BGFM	AD D3 85 25 AD	4bit / 512Bytes	-	4GB	3846 MB	7686 MB	4	BM0788	BM0788		

<b>Hynix</b>	MLC	4k	H27UAG8T2ATR	AD D5 94 25 44	12bit / 512Bytes	41nm	2GB	1927 MB	3846 MB	1	BM0788	BM0788	V	
	MLC	4k	H27UBG8U5ATR	AD D5 94 25 44	12bit / 512Bytes	41nm	4GB	3846 MB	7686 MB	2	BM3788	BM0788		5
	MLC	4k	H27UCG8V5ATR	AD D7 95 25 48	12bit / 512Bytes	41nm	8GB	7686 MB	15406 MB	2	BM3788	BM0788		5
	MLC	4k	H27UBG8T2MYR	AD D7 94 25 44	12bit / 512Bytes	41nm	4GB	3846 MB	7686 MB	1	BM3788	BM0788		
	MLC	4k	H27UCG8UDMYR	AD D7 94 25 44	12bit / 512Bytes	41nm	8GB	7686 MB	15406 MB	2	BM3788	BM0788		5
	MLC	4k	HY27UBG8U5MTR	AD D5 14 B6 44	4bit / 512Bytes	48nm	4GB	3846 MB	7686 MB	2	BM3788	BM0788		5
	MLC	4k	HY27UV08BG5A	AD D5 55 A5 38	4bit / 512Bytes	57nm	4GB	3846 MB	7686 MB	2	BM3788	BM0788		5
	MLC	4k	HY27UCG8V5MTR	AD D7 55 B6 48	4bit / 512Bytes	48nm	8GB	7686 MB	15406 MB	2	BM3788	BM0788		5
<b>Micron</b>	SLC	2k	MT29F4G08AAC	2C CC 90 D5 54	1bit / 512Bytes	-	512MB	489MB	979MB	1	BM0788	BM0788		
	SLC	4k	MT29F16G08DAA	2C D3 90 2E 64	1bit / 512Bytes	50nm	2GB	1959 MB	3909 MB	1	BM0788	BM0788		
	SLC	4k	MT29F32G08FAA	2C D5 D1 2E 68	1bit / 512Bytes	50nm	4GB	3909 MB	7813 MB	2	BM3788	BM0788		5
	MLC	4k	MT29F16G08MAA	2C D5 94 3E 74	8bit / 512Bytes	50nm	2GB	1927 MB	3846 MB	1	BM0788	BM0788	V	6
	MLC	4k	MT29F32G08QAA	2C D5 94 3E 74	8bit / 512Bytes	50nm	4GB	3846 MB	7686 MB	2	BM3788	BM0788	V	5,6
	MLC	4k	MT29F64G08TAA	2C D7 D5 3E 78	8bit / 512Bytes	50nm	8GB	7686 MB	15406 MB	2	BM3788	BM0788	V	5,6
	MLC	4k	MT29F16G08CBABA	2C 48 04 46 85	12bit / 540Bytes	34nm	2GB	1927 MB	3846 MB	1	BM0788	BM0788		
	MLC	4k	MT29F32G08CBAAA	2C D7 94 3E 84	12bit / 539Bytes	34nm	4GB	3846 MB	7686 MB	1	BM0788	BM0788	V	6,7
	MLC	4k	MT29F32G08CBABA	2C 68 04 46 89	12bit / 540Bytes	34nm	4GB	3846 MB	7686 MB	1	BM0788	BM0788		
	MLC	4k	MT29F64G08CFAAA	2C D7 94 3E 84	12bit / 539Bytes	34nm	8GB	7686 MB	15406 MB	2	BM3788	BM0788	V	5,6,7
	MLC	4k	MT29F64G08CFABA	2C 68 04 46 89	12bit / 540Bytes	34nm	8GB	7686 MB	15406 MB	2	BM3788	BM0788		5
	MLC	4k	MT29F128G08CJAAA	2C D9 D5 3E 88	12bit / 539Bytes	34nm	16GB	15406 MB	30814 MB	2	BM3788	BM0788	V	5,6,7
	MLC	4k	MT29F128G08CJABA	2C 88 05 C6 89	12bit / 540Bytes	34nm	16GB	15406 MB	30814 MB	2	BM3788	BM0788		5

Intel	MLC	4k	29F16G08AAMC1	89 D5 94 3E 74	8bit / 512Bytes	50nm	2GB	1927 MB	3846 MB	1	BM0788	BM0788		
	MLC	4k	29F32G08CAMC1	89 D5 94 3E 74	8bit / 512Bytes	50nm	4GB	3846 MB	7686 MB	2	BM3788	BM0788		5
Intel	MLC	4k	29F64G08FAMC1	89 D7 D5 3E 78	8bit / 512Bytes	50nm	8GB	7686 MB	15406 MB	2	BM3788	BM0788		5
	MLC	4k	29F32G08AAMDA	89 68 04 46 89 (A9)	12bit / 540Bytes	34nm	4GB	3846 MB	7686 MB	1	BM0788	BM0788		
	MLC	4k	29F32G08AAMDB	89 68 04 46 89 (A9)	12bit / 540Bytes	34nm	4GB	3846 MB	7686 MB	1	BM0788	BM0788		
	MLC	4k	29F32G08AAMD1	89 D7 94 3E 84	12bit / 512Bytes	34nm	4GB	3846 MB	7686 MB	1	BM0788	BM0788	V	6,7
	MLC	4k	29F32G08AAMD2	89 D7 94 3E 84	12bit / 512Bytes	34nm	4GB	3846 MB	7686 MB	1	BM0788	BM0788	V	6,7
	MLC	4k	29F64G08CAMD1	89 D7 94 3E 84	12bit / 512Bytes	34nm	8GB	7686 MB	15406 MB	2	BM3788	BM0788	V	5,6,7
	MLC	4k	29F64G08CAMD2	89 D7 94 3E 84	12bit / 512Bytes	34nm	8GB	7686 MB	15406 MB	2	BM3788	BM0788	V	5,6,7
	MLC	4k	29F64G08CAMDB	89 68 04 46 89 (A9)	12bit / 540Bytes	34nm	8GB	7686 MB	15406 MB	2	BM3788	BM0788		5
	MLC	4k	29F16B08JAMDB	89 68 04 46 89 (A9)	12bit / 540Bytes	34nm	16GB	15406 MB	30814 MB	4	BM3788	BM0788		5
	MLC	4k	29F16B08JAMD1	89 D7 94 3E 84	12bit / 512Bytes	34nm	16GB	15406 MB	30814 MB	4	BM3788	BM0788	V	5,6,7
	MLC	4k	29F16B08JAMD2	89 D7 94 3E 84	12bit / 512Bytes	34nm	16GB	15406 MB	30814 MB	4	BM3788	BM0788	V	5,6,7
	MLC	4k	29F16B08JAMDB	89 68 04 46 89 (A9)	12bit / 540Bytes	34nm	16GB	15406 MB	30814 MB	4	BM3788	BM0788		5
Toshiba	MLC	2K	TH58NVG4D4CTG	98 D5 85 A5 6A	4bit / 512Bytes	-	2GB	1927 MB	3846 MB	1	BM0788	BM0788		
	MLC	4k	TC58NVG3D1DTG10	98 D3 94 BA 64	8bit / 512Bytes	56nm	1GB	963 MB	1927 MB	1	BM0788	BM0788		
	MLC	4k	TC58NVG4D1DTG00	98 D5 94 BA 74	8bit / 512Bytes	56nm	2GB	1927 MB	3846 MB	1	BM0788	BM0788		
	MLC	4k	TH58NVG5D1DTG20	98 D5 94 BA 74	8bit / 512Bytes	56nm	4GB	3846 MB	7686 MB	2	BM0788	BM0788		
	MLC	4k	TH58NVG6D1DTG20	98 D7 95 BA 78	8bit / 512Bytes	56nm	8GB	7686 MB	15406 MB	2	BM0788	BM0788		
	MLC	8K	TC58NVG4D2ETA00	98 D5 94 32 76	24bit / 1024Bytes	43nm	2GB	1927 MB	n/a	1	BT0788	n/a	V	3,6
	MLC	8K	TH58NVG5D2ETA20	98 D5 94 32 76	24bit / 1024Bytes	43nm	4GB	3846 MB	n/a	2	BT0788	n/a	V	3,6
	MLC	8K	TH58NVG6D2ETA20	98 D7 95 32 7A	24bit / 1024Bytes	43nm	8GB	7686 MB	n/a	2	BT0788	n/a	V	3,6

STMicro	SLC	2k	NAND04GW3B2BN6	20 DC 80 95 20	-	-	512MB	489MB	979MB	1	BM0788	BM0788		
	SLC	2k	NAND04GW3B2DN6	20 DC 10 95 54	-	-	512MB	489MB	979MB	1	BM0788	BM0788		
STMicro	MLC	2k	NAND08GW3C2BN6	20 D3 14 A5 34	-	-	1GB	963MB	1927MB	1	BM0788	BM0788		

Note:

1. Support 16CE.
2. Non-Support Force single channel.
3. Support single channel only.
4. Please contact our FAE for consultation.
5. Support Interleave function for single channel only, dual channel do not support interleave function.
6. For UT165 A0A MP Tool F/W Version : Single / Dual - AM0688 ,AT0688 ; Support Interleave Flash – AM3688
7. UT165 can only support maximum 8 die

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.