

IS903 NAND Flash Support List - Revision History

Date	Revision	Description
Jun 15 2012	1.0.0	Initial release
Sep 21 2012	1.0.1	<ol style="list-style-type: none"> 1. New support Intel/Micron L85A MLC flash. 2. New support Intel L84A/L74A flash JS29F16B08CCMF2, JS29F16B08CAMF1, JS29F32B08JAMF1, PF29F64G08LCME1, PF29F16B16MCME1, PF29F32B16NCME1 and PF29F64B08OCME1. 3. New support Samsung 21nm MLC flash B Die, M Die, K9GCGY8S0A and 27nm MLC flash K9PFGY8U7A. 4. New support SanDisk 19nm MLC flash SDTNQFBMA-016G, SDTNQFCMA-032G and SDZNQFDMM-064G. 5. New support SanDisk 24nm MLC flash except SDTNPMAHEM-008G and SDTNOQAHHER-008G. 6. New support Toshiba 19nm MLC flash TC58TEG5DCJTA00, TC58TEG5DCJTAI0, TH58TEG7D2JBA4C, TC58NVG6DDJTA00, TH58NVG7DDJTA20, TH58NVG8DDJTA20, TH58TEG7DDJBA4C, TH58TEG7DDJBAMC, TH58TEG8DDJBA8C, TH58TEG8DDJBASC, TH58TEG9DDJBA89 and TH58TEG9DDJBAS9. 7. New support Toshiba 24nm MLC flash TH58NVG8D2GTA20, TC58TVG4D2HTA00, TC58TVG4D2HTAI0, TH58TEG7D2HBA4C, TH58TEG7D2HBA8C, TH58TEG8D2HBA8C, TH58TEG9D2HBA89, TH58TEG7DBHBA4C and TH58TEG7DBHBAMC. 8. Remove Hynix 20nm MLC flash. 9. Remove flash MT29F512G08CUABA, SDZNPQBHER-016GT, SDZNPQCHER-032GT and SDTNPQAHEM-008G.
Nov 20 2012	1.0.2	<ol style="list-style-type: none"> 1. New support Hynix 20nm MLC flash based on MP Package V104_00.
Feb 26 2013	1.0.3	<ol style="list-style-type: none"> 1. Update support list for some flash. 2. New support Intel L74A flash PF29F64B08PCME1 and PF29F64B08QCME1. 3. New support Micron L83A flash. 4. New support Samsung 32nm MLC flash. 5. New support SanDisk 19nm MLC flash SDTNQGAMA-008GA, SDTNQGAMA-008GM, SDTNQGAMA-008GP, SDTNQGBMB-016G, SDTNQGBMB-016GA, SDTNQGBMB-016GP, SDTNQGCMB-032GP, SDYNQGBRG-016GUL, SDYNQGCRM-032GUF, SDYNQGCRM-032GUL, SDYNQGDRM-064GUF and SDYNQGDRM-064GUL. 6. New support flash is based on MP Package V105_03.
Sep 6 2013	1.0.4	<ol style="list-style-type: none"> 1. New support Micron 20nm L85A flash MT29F128G08CBEAB, MT29F256G08CEEAB, MT29F512G08CKEAB, MT29F512G08CMEAB and MT29F1T08CUEAB. 2. New support Micron 20nm L84C flash. 3. New support SanDisk 19nm MLC and Toshiba A19nm MLC flash. 4. New support Hynix 16nm MLC flash.

IS903 NAND Flash Support List

Vendor	Process	Design Code	Part Number	CE	Toggle/DDR Mode Support	Controller	
						IS903	
						Support	MP Tool Test
Intel	20nm	L85A	PF29F16B08LCMF3	1	V	V	V
			PF29F32B08MCMF3	2	V	V	V
			PF29F64B08NCMF3	4	V	V	V
			PF29F32B08MCMF2	2	V	V	
			PF29F64B08NCMF2	4	V	V	
			PF29F01T08OCMF2	8	V	V	
		L84A	JS29F64G08ACMF1	1	V	V	
			JS29F64G08ACMF3	1	V	V	V
			JS29F16B08CCMF1	2	V	V	
			JS29F16B08CCMF2	2	V	V	V
			JS29F32B08JCMF1	4	V	V	
			JS29F64G08AAMF1	1	V	V	V
	25nm	L74A	JS29F16B08CAME1	2	V	V	V
			JS29F32B08JAME1	4	V	V	V
			JS29F64G08ACME3	1	V	V	
			JS29F16B08CCME3	2	V	V	
			JS29F32B08JCME3	4	V	V	
			JS29F64G08ACME2	1	V	V	V
			JS29F16B08CCME2	2	V	V	
			JS29F32B08JCME2	4	V	V	
			PF29F64G08LCME1	1	V	V	
			PF29F16B16MCME1	2	V	V	
			PF29F32B16NCME1	4	V	V	
			PF29F64B08PCME1	8	V	V	V
		M73A	PF29F64B08OCME1	4	V	V	
			PF29F64B08QCME1	2	V	V	V
			PF29F64G16MCNE1	2	V	V	
			PF29F16B16NCNE1	4	V	V	
			PF29F64G16MCNE2	2	V	V	
			PF29F16B16NCNE2	4	V	V	
Micron	20nm	L85A	MT29F128G08CBCAB	1	V	V	V
			MT29F128G08CBEAB	1	V	V	V
			MT29F256G08CECAB	2	V	V	V
			MT29F256G08CEEAB	2	V	V	
			MT29F512G08CKCAB	2	V	V	
			MT29F512G08CKEAB	2	V	V	
			MT29F512G08CMCAB	4	V	V	V
			MT29F512G08CMEAB	4	V	V	
			MT29F1T08CUCAB	4	V	V	V
			MT29F1T08CUEAB	4	V	V	
		L84A	MT29F64G08CBABA	1		V	V
			MT29F128G08CFABA	2		V	
			MT29F256G08CJABA	2		V	
			MT29F64G08CBABB	1	V	V	V
			MT29F64G08CBCBB	1	V	V	
			MT29F128G08CECBB	2	V	V	V
			MT29F128G08CFABB	2	V	V	V
			MT29F256G08CMCBB	4	V	V	V
			MT29F256G08CJABB	2	V	V	V
			MT29F256G08CKCBB	2	V	V	
			MT29F512G08CUCBB	4	V	V	
		L84C	MT29F64G08CBCDB	1	V	V	
			MT29F64G08CBEDB	1	V	V	V
			MT29F128G08CECDB	2	V	V	
			MT29F128G08CEEDB	2	V	V	
			MT29F256G08CKCDB	2	V	V	
			MT29F256G08CKEDB	2	V	V	

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						Support	MP Tool Test
Micron	20nm	L84C	MT29F256G08CMCDB	4	V	V	
			MT29F256G08CMEDB	4	V	V	
			MT29F512G08CUCDB	4	V	V	
			MT29F512G08CUEDB	4	V	V	
		L83A	MT29F32G08CBADA	1		V	V
			MT29F64G08CFADA	2		V	
			MT29F32G08CBADB	1	V	V	
			MT29F64G08CFADB	2	V	V	
			MT29F64G08CECDB	2	V	V	
			MT29F128G08CMCDB	4	V	V	
			MT29F256G08CUCDB	4	V	V	
	25nm	L74A	MT29F64G08CBAAA	1		V	V
			MT29F128G08CEAAA	2		V	
			MT29F128G08CFAAA	2		V	
			MT29F256G08CJAAA	2		V	
			MT29F256G08CKAAA	2		V	
			MT29F256G08CMAAA	4		V	
			MT29F512G08CUAAA	4		V	V
			MT29F64G08CBAAB	1	V	V	V
			MT29F128G08CFAAB	2	V	V	V
			MT29F256G08CJAAB	2	V	V	V
			MT29F64G08CBCAB	1	V	V	
			MT29F128G08CECAB	2	V	V	
		M73A	MT29F256G08CKCAB	2	V	V	
			MT29F256G08CMCAB	4	V	V	
			MT29F512G08CUCAB	4	V	V	
			MT29F32G08ABAAA	1		V	
			MT29F64G08AFAAA	2		V	V
			MT29F128G08AJAAA	2		V	
			MT29F128G08AKAAA	2		V	
			MT29F128G08AMAAA	4		V	
			MT29F256G08AUAAA	4		V	
			MT29F32G08ABCAB	1	V	V	V
			MT29F64G08AECAB	2	V	V	
			MT29F128G08AKCAB	2	V	V	V
Samsung	21nm	MLC	MT29F128G08AMCAB	4	V	V	
			MT29F256G08AUCAB	4	V	V	
			K9GBGD8U0B	1	V	V	
			K9LCGY8U1B	2	V	V	
			K9HDGY8U5B	4	V	V	
			K9PFGY8U7B	8	V	V	
			K9GCGD8U0M	1	V	V	
			K9GCGD8S0M	1	V	V	
			K9LDGD8U1M	2	V	V	
			K9LDGD8S1M	2	V	V	
			K9LDGY8U1M	2	V	V	
			K9LDGY8S1M	2	V	V	
			K9HFGY8U5M	4	V	V	
			K9HFGY8S5M	4	V	V	
			K9PHGY8U5M	4	V	V	
			K9PHGY8S5M	4	V	V	
			K9PHGY8U7M	8	V	V	
			K9PHGY8S7M	8	V	V	
			K9GCGD8U0A	1	V	V	V
			K9GCGD8S0A	1	V	V	V
			K9GCGY8S0A	1	V	V	
			K9LDGY8U1A	2	V	V	V
			K9LDGY8S1A	2	V	V	V
			K9HFGY8U5A	4	V	V	
			K9HFGY8S5A	4	V	V	V

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Vendor	Process	Design Code	Part Number	CE	Toggle/DDR Mode Support	Controller	
						IS903	
						Support	MP Tool Test
Samsung	21nm	MLC	K9PHGY8U5A	4	V	V	
			K9PHGY8S5A	4	V	V	
	27nm	MLC	K9GAG08U0F	1		V	V
			K9GBG08U0A	1		V	
			K9LCG08U1A	2		V	
			K9HDG08U5A	4		V	
			K9LCG08U0A	1		V	V
			K9HDG08U1A	2		V	
			K9PFG08U0A	1		V	
			K9GBGD8U0A	1	V	V	V
			K9LCGD8U0A	1	V	V	
			K9LCGY8U1A	2	V	V	
			K9HDGY8U5A	4	V	V	
			K9PFGY8U5A	4	V	V	
			K9PFGY8U7A	8	V	V	V
	32nm	MLC	K9LCGD8U1M	2	V	V	
			K9LCGD8S1M	2	V	V	
			K9HDGD8U5M	4	V	V	V
			K9HDGD8S5M	4	V	V	
			K9PFGD8U7M	8	V	V	
			K9PFGD8S7M	8	V	V	
			K9PFGD8U5M	4	V	V	
			K9PFGD8S5M	4	V	V	
SanDisk	1ynm	MLC	SDTNRGAMA-008G	1		V	V
			SDTNRGAMA-008GA	1		V	
			SDTNRGAMA-008GM	1		V	
			SDTNRGAMA-008GP	1	V	V	
			SDTNRGBMB-016G	2		V	
			SDTNRGBMB-016GA	2		V	
			SDTNRGBMB-016GP	2	V	V	
			SDYNRGBRG-016GUL	2	V	V	
			SDYNRGCRM-032GUL	4	V	V	
			SDYNRGCRM-032GUF	4	V	V	
SanDisk	19nm	MLC	SDYNRGDRM-064GUF	4	V	V	
			SDZNQFAMA-008G	1	V	V	
			SDZNQFBMG-016G	2	V	V	
			SDZNQFCMM-032G	4	V	V	
			SDTNQFAMA-008G	1	V	V	V
			SDTNQFBMG-016G	2	V	V	
			SDYNQFAMA-008G	1	V	V	
			SDYNQFBMG-016G	2	V	V	
			SDYNQFCMM-032G	4	V	V	
			SDTNQGAMA-008G	1	V	V	
			SDTNQGAMA-008GA	1	V	V	
			SDTNQGAMA-008GM	1	V	V	
			SDTNQGAMA-008GP	1	V	V	V
			SDTNQGBMB-016G	2	V	V	
			SDTNQGBMB-016GA	2	V	V	
			SDTNQGBMB-016GP	2	V	V	V
			SDTNQGCMB-032GP	2	V	V	
			SDYNQGBRG-016GUL	2	V	V	
			SDYNQGCRM-032GUF	4	V	V	
			SDYNQGCRM-032GUL	4	V	V	
			SDYNQGDRM-064GUF	4	V	V	
			SDYNQGDRM-064GUL	4	V	V	
			SDTNQGBMG-016G	2	V	V	
			SDTNQGCMM-032G	2	V	V	
			SDYNQGAMA-008G	1	V	V	
			SDYNQGBMG-016G	2	V	V	

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						IS903	
						Support	MP Tool Test
SanDisk	19nm	MLC	SDYNQGCMM-032G	4	V	V	
			SDYNQGDMM-064G	4	V	V	
			SDTNQFBMA-016G	1	V	V	
			SDTNQFCMA-032G	1	V	V	
			SDZNQFDM-064G	4	V	V	
	24nm	MLC	SDTNPMAHEM-008G	1		V	
			SDTNPQAHEM-008G	1		V	V
			SDTNQQAHER-008G	1		V	
			SDZNPQBHER-016G	2		V	
			SDZNPQCHER-032G	4		V	
			SDZNPQDHER-064G	4		V	
			SDTNPQAHEM-008GP	1	V	V	
			SDTNPQBHEM-016GT	2	V	V	
			SDZNPQBHEM-016GT	2	V	V	
			SDZNPQCHEM-032GT	4	V	V	
			SDZNPQBHER-016GT	2	V	V	
			SDZNPQCHER-032GT	4	V	V	
Toshiba	A19nm	MLC	TC58TEG6DDKTA00	1	V	V	V
			TC58TEG6DDKTAI0	1	V	V	
			TH58TEG7DDKTA20	2	V	V	
			TH58TEG7DDKTA0	2	V	V	
			TH58TEG8DDKTA20	2	V	V	
			TH58TEG8DDKTA0	2	V	V	
	19nm	MLC	TC58TEG5DCJTA00	1	V	V	
			TC58TEG5DCJTAI0	1	V	V	
			TC58NVG6D2JTA00	1		V	V
			TH58TEG7D2JBA4C	2	V	V	
			TC58NVG6DCJTA00	1		V	V
			TH58NVG7DCJTA20	2		V	V
			TH58NVG8DCJTA20	2		V	V
			TC58TEG6DCJTA00	1	V	V	
			TC58TEG6DCJTAI0	1	V	V	
			TH58TEG7DCJTA20	2	V	V	
			TH58TEG7DCJTA0	2	V	V	
			TH58TEG8DCJTA20	2	V	V	V
			TH58TEG8DCJTA0	2	V	V	
			TH58TEG7DCJBA4C	2	V	V	V
			TC58NVG6DDJTA00	1		V	
			TH58NVG7DDJTA20	2		V	
			TH58NVG8DDJTA20	2		V	
			TC58TEG6DDJTA00	1	V	V	V
			TC58TEG6DDJTAI0	1	V	V	
			TH58TEG7DDJTA20	2	V	V	
			TH58TEG7DDJTA0	2	V	V	
			TH58TEG8DDJTA20	2	V	V	
			TH58TEG8DDJTA0	2	V	V	
			TH58TEG7DDJBA4C	2	V	V	V
			TH58TEG7DDJBAMC	2	V	V	
			TH58TEG8DDJBA8C	4	V	V	V
			TH58TEG8DDJBASC	4	V	V	
			TH58TEG9DDJBA89	4	V	V	V
			TH58TEG9DDJBAS9	4	V	V	
	24nm	MLC	TC58NVG6D2GTA00	1		V	V
			TH58NVG7D2GTA20	2		V	V
			TH58NVG8D2GTA20	2		V	
			TH58TVG7D2GBA49	2	V	V	V
			TH58TVG8D2GBA8C	4	V	V	V
			TH58TVG9D2GBA89	4	V	V	V
			TC58NVG4D2HTA00	1	V	V	V

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Vendor	Process	Design Code	Part Number	CE	Toggle/DDR Mode Support	Controller	
						IS903	
						Support	MP Tool Test
Toshiba	24nm	MLC	TC58TVG4D2HTA00	1	V	V	
			TC58TVG4D2HTAI0	1	V	V	
			TC58NVG5D2HTA00	1	V	V	
			TC58TEG5D2HTA00	1	V	V	V
			TC58NVG6D2HTA00	1	V	V	V
			TH58NVG7D2HTA20	2	V	V	
			TH58NVG8D2HTA20	2	V	V	
			TC58TEG6D2HTA00	1	V	V	V
			TC58TEG6D2HTAI0	1	V	V	
			TH58TEG7D2HTA20	2	V	V	V
			TH58TEG7D2HTAK0	2	V	V	
			TH58TEG8D2HTA20	2	V	V	
			TH58TEG8D2HTAK0	2	V	V	
			TH58TEG7D2HBA4C	2	V	V	
			TH58TEG7D2HBAMC	2	V	V	
			TH58TEG8D2HBA8C	4	V	V	
			TH58TEG9D2HBA89	4	V	V	
			TH58TEG7DBHBA4C	2	V	V	V
			TH58TEG7DBHBAMC	2	V	V	
Hynix	16nm	MLC	H27UCG8T2D	1		V	V
			H27QCG8T2D	1	V	V	
			H27UCG8T2E	1		V	
			H27UDG8U2E	1		V	
	20nm	MLC	H27UAG8T2C	1		V	
			H27UBG8T2C	1		V	V
			H27UCG8T2A	1		V	V
			H27UCG8T2B	1	V	V	V
	26nm	MLC	H27UBG8T2B	1		V	V
			H27UCG8U5B	2		V	
			H27UCG8T2M	1		V	V