## **TCCxxxx**

# TCC Available NAND List V8

TCCxxxx\_NAND\_Driver\_AvailableNANDList\_V1.03

10 May 2012



#### **Revision History**

Date	Version	Description
2012-02-03	1.00	- First Release
2012-03-09	1.01	- Update Support NAND (H27U1G8F2B,H27U2G8F2C)
2012-04-02	1.02	- Update Support NAND (H27UAG8T2B)
2012-05-10	1.03	- Update Support NAND (H27UAG8T2B) - Update Support NAND (K9F1G08U0D)
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## NANDFLASH List supported by Telechips Nand Driver

	PRODUCT		TCC NAND Driver V8												
TYPE	Vendor	Part Number	WINCE BSP LINUX BSP ANDROID SDK	ECC (Bit/Byte)	Bus Width	Acess Time (ns)	CS	Page	Spare	РрВ	1Bock Size	Max. Bad Block	Total Block	Function	Total Size
MLC	Hynix	H27UBG8T2A	V8.0.0	24 / 1024	8Bit	25	x1	8192	448	256	2048 KB	25	2048	MP	4096 MB
MLC	Hynix	H27UAG8T2B	V8.7.16	24 / 1024	8Bit	25	x1	8192	448	256	2048 KB	25	1024	MP	2048 MB
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#### NANDFLASH List supported by Telechips Nand Driver

	PF	RODUCT	TCC NAND Driver V8	NAND FEATURES											
TYPE	Vendor	Part Number	WINCE BSP LINUX BSP ANDROID SDK	ECC (Bit/Byte)	Bus Width	Acess Time (ns)	cs	Page	Spare	РрВ	1Bock Size	Max. Bad Block	Total Block	Function	Total Size
SLC	Hynix	H27U1G8F2B <sup>1)</sup>	V8.5.8	1 / 528	8Bit	25	x1	2048	64	64	128 KB	20	1024		128 MB
SLC	Hynix	H27U2G8F2C <sup>1)</sup>	V8.5.9	1 / 528	8Bit	25	x1	2048	64	64	128 KB	40	2048	MCP	256 MB
SLC	Samsung	K9F1G08U0D	V8.18.26	1 / 528	8Bit	30	x1	2048	64	64	128 KB	20	1024		128 MB
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<sup>1)</sup> Android doesn't support nand whose size is less than 512

## Unsupportable NANDFLASH List

PRODUCT			NAND F	EATURE	
TYPE	Vendor	Part Number	ECC	Density	REASON
MLC	Hynix	H27UBG8T2B	24bit/1KB	32Gb	read retry mode
MLC	Hynix	H27UCG8U5B	24bit/1KB	64Gb	read retry mode

#### Note

TERM		MEANING
PpB		Pages per 1Block
	CP	Cache Program
	СВ	Copy-Back
	MP	Multiplane Program
Fuction	MP2	Multi-Page Write on a Block
ruction	MCP	Multiplane Cache Program
	IL	Interleave
	EIL	External Interleave
	RAND	S/W Randomizer