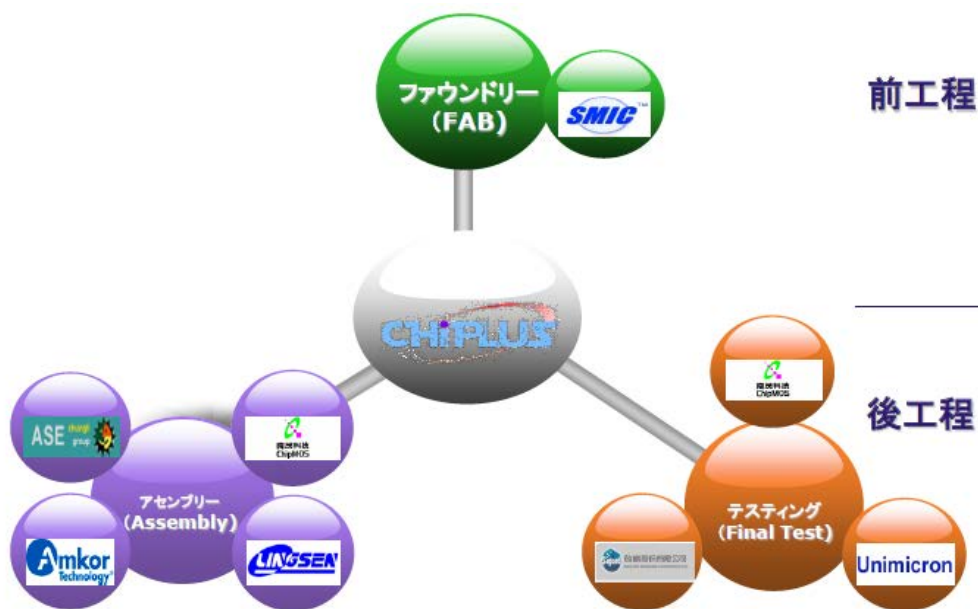
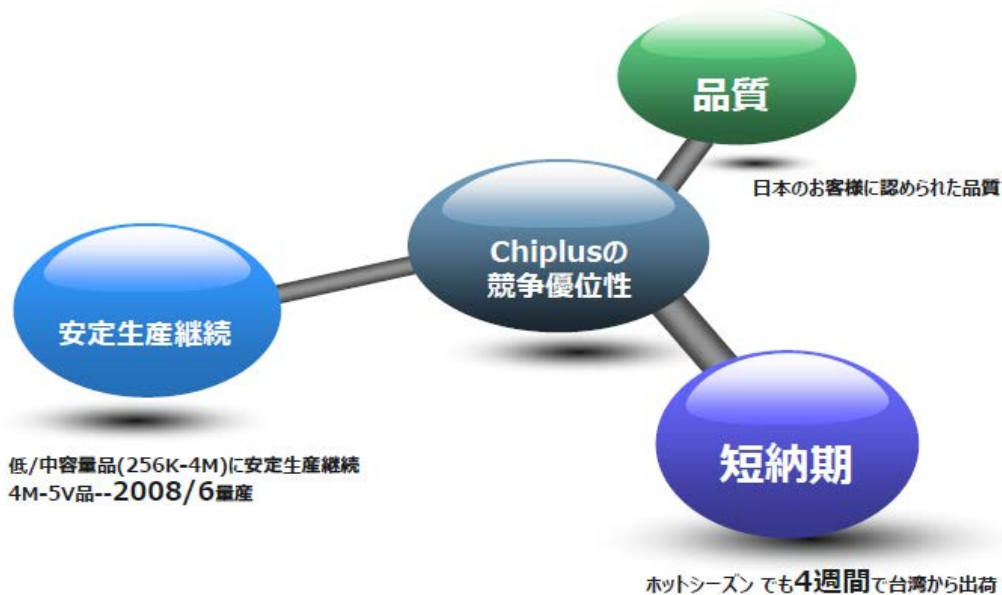


Chiplus Semiconductor Corp.

~SRAM~

- **会社名** : Chiplus Semiconductor Corp.
- **設立** : 2002年7月
- **本社** : 台湾
- **従業員** : 42名
- **資本金** : 2億8千万円

- **特徴** : 256Kb~16Mb SRAM
 : 動作保証温度範囲 … 0 ~ +70°C、-40 ~ +85°C
 : アクセス速度 … 70ns、55ns
 : 短納期 (自社倉庫にてウェハ在庫環境を保有。ホットシーズンでも4週間で台湾より出荷可能)
 : 安定生産継続 (Vdd = 5V品継続生産中)
 : 高品質 (3段階の品質レベルを製品へ適用)



ダイトエレクトロン株式会社 電子デバイス営業部

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2015/02/16 Ver. 1.02.10

SRAM Product Line

□ Low Power SRAM

Density	I/O	Vcc	Speed
256Kb	x8	2.7~3.6V	55 / 70 ns
256Kb	x8	2.7~5.5V	55 / 70 ns
256Kb	x8	4.5~5.5V	55 / 70 ns
1Mb	x8 / x16	2.7~3.6V	55 / 70 ns
1Mb	x8	4.5~5.5V	55 / 70 ns
2Mb	x8 / x16	2.7~3.6V	55 / 70 ns
4Mb	x8 / x16	2.7~3.6V	55 / 70 ns
4Mb	x8	4.5~5.5V	55 / 70 ns
8Mb	x8 / x16	2.7~3.6V	55 / 70 ns
16Mb	x16	2.7~3.6V	55 / 70 ns

□ Fast SRAM

Density	I/O	Vcc	Speed
1Mb	x8 / x16	2.4~3.6V	10 / 12 ns
1Mb	x8 / x16	3.0~3.6V	8 / 10 / 12 ns
1Mb	x16	4.5~5.5V	10 / 12 ns
2Mb	x8 / x16	2.4~3.6V	10 / 12 ns
2Mb	x16	3.0~3.6V	8 / 10 / 12 ns
2Mb	x8 / x16	4.5~5.5V	10 / 12 ns
4Mb	x8 / x16	2.4~3.6V	10 / 12 ns
4Mb	x8 / x16	3.0~3.6V	8 / 10 / 12 ns
4Mb	x8 / x16	4.5~5.5V	10 / 12 ns
8Mb	x8 / x16	2.4~3.6V	10 / 12 ns
8Mb	x8 / x16	4.5~5.5V	10 / 12 ns
16Mb	x8 / x16	2.4~3.6V	10 / 12 ns
16Mb	x8 / x16	3.0~3.6V	8 / 10 / 12 ns
16Mb	x8 / x16	4.5~5.5V	10 / 12 ns

□ Pseudo SRAM

Density	I/O	Vcc	Speed
16Mb	x16	2.7~3.6V	70 ns
32Mb	x16	2.6~3.3V	70 ns
64Mb	x16	2.7~3.6V	70 ns

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Low Power SRAM Cross Reference

Low Power SRAM CROSS REFERENCE								
CYPRESS								
Config	Part No.	CHIPLUS PART No.	Config	Part No.	CHIPLUS PART No.			
Old Part No								
256K (32Kx8) 3V	CY62256VLL-70SNC	CS18LV02563ACR70	256K (32Kx8) 5V	CY62256LL-70SNC	CS18LV02565ACR70			
	CY62256VLL-70SNI	CS18LV02563AIR70		CY62256LL-55SNI	CS18LV02565AIR55			
	CY62256VLL-70ZC	CS18LV02563BCR70		CY62256LL-70SNI	CS18LV02565AIR70			
	CY62256VLL-70ZI	CS18LV02563BIR70		CY62256LL-70ZC	CS18LV02565BCR70			
1M (128Kx8) 3V	CY62256VLL-70SC	CS18LV10243CCR70	1M (128Kx8) 5V	CY62256LL-55ZI	CS18LV02565BIR55			
	CY62128DV30LL-55SI	CS18LV10243CIR55		CY62256LL-70ZI	CS18LV02565BIR70			
	CY62128VLL-70SI	CS18LV10243CIR70		CY62128BLL-55SC	CS18LV10245CCR55			
	CY62128DV30LL-70SI	CS18LV10243CIR70		CY62128BLL-70SC	CS18LV10245CCR70			
	CY62128VLL-70ZAC	CS18LV10243DCR70		CY62128BLL-55SI	CS18LV10245CIR55			
	CY62128VLL-55ZAI	CS18LV10243DIR55		CY62128BLL-70SI	CS18LV10245CIR70			
	CY62128DV30LL-55ZAI	CS18LV10243DIR55		CY62128BLL-55ZAI	CS18LV10245CIR55			
	CY62128VLL-70ZAI	CS18LV10243DIR70		CY62128BLL-70ZAI	CS18LV10245DIR70			
	CY62128DV30LL-70ZAI	CS18LV10243DIR70		CY62128BLL-70ZC	CS18LV10245ECR70			
	CY62128VLL-70ZC	CS18LV10243ECR70		CY62128BLL-55ZI	CS18LV10245EIR55			
	CY62128DV30LL-55ZI	CS18LV10243EIR55		CY62128BLL-70ZI	CS18LV10245EIR70			
	CY62128VLL-70ZI	CS18LV10243EIR70						
CY62128DV30LL-70ZI	CS18LV10243EIR70							
New Part No								
256K (32Kx8) 3V	CY62256VLL-70ZXC	CS18LV02563BCR70	256K (32Kx8) 5V	CY62256NLL_55ZXI	CS18LV02565BIR55			
	CY62256VLL-70ZXI	CS18LV02563BIR70		CY62256NLL_55ZXA	CS18LV02565BIR55			
	CY62256VLL-70SNXC	CS18LV02563ACR70		CY62256NLL_70PXC	CS18LV02565PCR70			
	CY62256VLL-70SNXI	CS18LV02563AIR70		CY62256NLL_70SNXC	CS18LV02565ACR70			
			1M (128Kx8) 5V	CY62128BNLL-55SXI	CS18LV10245CCR55			
				CY62128BNLL-55ZXI	CS18LV10245EIR55			
				CY62128BNLL-70SXA	CS18LV10245CIR70			
NEC								
Config	Part No.	CHIPLUS PART No.	Config	Part No.	CHIPLUS PART No.			
1M (128Kx8) 3V	UPD441000LGU-C10X-9JH-A	CS18LV10243EIR70	256K (32Kx8) 5V	UPD43256BGU-70LL-E1-A	CS18LV02565ACR70			
				UPD43256BGU-70LL-E1	CS18LV02565ACR70			
				UPD43256BGU-A85	CS18LV02565AIR70			
				UPD43256BGW-70LL-9JL	CS18LV02565BCR70			
RENESAS								
Config	Part No.	CHIPLUS PART No.	Config	Part No.	CHIPLUS PART No.			
1M (128Kx8) 3V			256K (32Kx8) 5V	M5M5256DFP-55LL	CS18LV02565ACR55			
				M5M5256DFP-55XL	CS18LV02565ACR55			
				M5M5256DFP-70LLI	CS18LV02565AIR70			
				M5M5256DFP-70XL	CS18LV02565ACR70			
				M5M5256DVP-55LL	CS18LV02565BCR55			
				M5M5256DVP-55XL	CS18LV02565BCR55			
				M5M5256DVP-70LL	CS18LV02565BCR70			
				M5M5256DVP-70LLI	CS18LV02565BIR70			
				M5M5256DVP-70XL	CS18LV02565BCR70			
				M5M51008DFP-55H	CS18LV10245CCR55			
				M5M51008DFP-55HI	CS18LV10245CIR55			
				M5M51008DFP-70H	CS18LV10245CCR70			
M5M51008DFP-70HI	CS18LV10245CIR70							
M5M51008DKV-55H	CS18LV10245DCR55							
M5M51008DKV-55HI	CS18LV10245DIR55							
M5M51008DKV-70H	CS18LV10245DCR70							
M5M51008DKV-70HI	CS18LV10245DIR70							
M5M51008DVP-55H	CS18LV10245ECR55							
M5M51008DVP-55HI	CS18LV10245EIR55							
M5M51008DVP-70H	CS18LV10245ECR70							
M5M51008DVP-70HI	CS18LV10245EIR70							
2M (256K x8,128K x16) 3V	M5M5V208AKV-70HI	CS18LV20483DIR70						
	M5M5V216ATP -55HI	CS16LV20483GIR55						
	M5M5V216ATP -70HI	CS16LV20483GIR70						
4M (512K x8,256K x16) 3V			4M (128K x8) 5V	R1LV0408DSA-5SI	CS18LV40963DIR55			
				R1LV0408DSA-5SR	CS18LV40963DCR55			
				R1LV0408DSA-7LI	CS18LV40963DIR70			
				R1LV0408DSA-7LR	CS18LV40963DCR70			
				R1LV0408DSB-5SI	CS18LV40963FIR55			
				R1LV0408DSB-5SR	CS18LV40963FCR55			
				R1LV0408DSB-7LI	CS18LV40963FIR70			
				R1LV0408DSB-7LR	CS18LV40963FCR70			
			8M(1M x8,512Kx16) 3V	R1LV0408DSP-5SI	CS18LV40963CIR55	HM62V8100LTTI-5	CS18LV81923AGIR55	
				R1LV0408DSP-5SR	CS18LV40963CCR55		CS18LV81923AGIR55	
				R1LV0408DSP-7LI	CS18LV40963CIR70		HM62V8100LTTI-5SL	CS18LV81923AGIR55
				R1LV0408DSP-7LR	CS18LV40963CCR70		M5M5W816TP-55HI	CS16LV81923BGIR55
				R1LV0414DSB-5SI	CS16LV40963GIR55		M5M5W816TP-70HI	CS16LV81923BGIR70
				R1LV0414DSB-7LI	CS16LV40963GIR70			
				R1LV0416DSB-5SI	CS16LV40973GIR55			
				R1LV0416DSB-7LI	CS16LV40973GIR70			

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Fast SRAM Cross Reference

Density	ORG	V _{cc}	PACKAGE	SPEED(NS)	CHIPLUS	ISSI	ALLIANCE	CYPRESS	IDT	LYONTEK
1Mb	64Kx16	5V	44TSOP2 48FBGA	8,10,12,15	CS16FS10245	IS61C6416AL	AS7C1026B	CY7C1021D	71016	LY616416
		3V			CS16FS10243	-	AS7C31026B	CY7C1021DV33	71V016	LY61L6416
		W(1.65~3.6V)			CS16FS1024W	IS61WV6416	-	-	-	-
	128kx8	5V	32TSOP1 48FBGA 32SOJ 32TSOP2		CS18FS10245	IS61C1024AL	AS7C1025B	CY7C1009D CY7C1019D	71124	LY611024
		3V			CS18FS10243	-	AS7C31025B	CY7C1018DV33 CY7C1019DV33	71V124	LY61L1024
		W(1.65~3.6V)			CS18FS1024W	IS61WV1288	-	-	-	-
2Mb	128Kx16	5V	44TSOP2 48FBGA	8,10,12,15	CS16FS20485	-	-	-	-	LY6112816
		3V			CS16FS20483	-	AS7C32098A	CY7C1010DV33	-	LY61L12816
		W(1.65~3.6V)			CS16FS2048W	IS61WV12816	-	-	-	-
	256kx8	5V	44TSOP2 36FBGA		CS18FS20485	-	-	-	-	LY612568
		3V			CS18FS20483	IS61LV2568L	AS7C32096A	CY7C1011CV33	-	LY61L2568
		W(1.65~3.6V)			CS18FS2048W	IS61WV2568	-	-	-	-
4Mb	256Kx16	5V	44TSOP2 48FBGA	8,10,12,15	CS16FS40965	IS61C25616AL	AS7C4098A	CY7C1049D	-	LY6125616
		3V			CS16FS40963	-	AS7C34098A	CY7C1049DV33	71V416	LY61L25616
		W(1.65~3.6V)			CS16FS4096W	IS61WV25616	-	-	-	-
	512kx8	5V	44TSOP2 36FBGA		CS18FS40965	IS61C5128AL	AS7C4096A	CY7C1049D	-	LY615128
		3V			CS18FS40963	-	AS7C34096A	CY7C1049DV33	71V424	LY61L5128
		W(1.65~3.6V)			CS18FS4096W	IS61WV5128	-	-	-	-
8Mb	512kx16	5V	44TSOP2 48FBGA	8,10,12,15	CS16FS81925	-	-	-	-	-
		3V			CS16FS81923	-	AS7C38098A	CY7C1051DV33	-	LY61L51216A
		W(1.65~3.6V)			CS16FS8192W	IS61WV51216	-	-	-	-

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