



晶發半導體股份有限公司 CHIPLUS SEMICONDUCTOR CORP.

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NEW PRODUCT 2024

SDRAM

Part Number	Organization	VDD/VDDQ	Speed	Pin	Package	MPQ/pcs	Status
Density: 64M							
CS56SD64NC/NI-6	4Mx16	3.0~3.6V	6ns	54	TSOPII 400mil	108pcs/tray	MP
CS56SD6432VC/VI-6	2Mx32	3.0~3.6V	6ns	86	TSOPII 400mil	108pcs/tray	MP
Density: 128M							
CS56SD128NC/NI-6	8Mx16	3.0~3.6V	6ns	54	TSOPII 400mil	108pcs/tray	MP
CS56SD1289C/9I-6	8Mx16	3.0~3.6V	6ns	54	TFBGA 8x8mm	348pcs/tray	MP
Density: 256M							
CS56SD256NC/NI-6	16Mx16	3.0~3.6V	6ns	54	TSOPII 400mil	108pcs/tray	MP
CS56SD2569C/9I-6	16Mx16	3.0~3.6V	6ns	54	TFBGA 8x8mm	348pcs/tray	MP
Density: 512M							
CS56SD512NI-6	32Mx16	2.7~3.6V	6ns	54	TSOPII 400mil	108pcs/tray	MP
CS56SD5129I-6	32Mx16	2.7~3.6V	6ns	54	TFBGA 8x8mm	319pcs/tray	MP

DDR3

Part Number	Organization	VDD	Clock Rate	Data Rate	Package	MPQ/pcs	Status
Density: 2G							
CS68DT2G6Q1/7Q1	256Mx8	1.5V/1.35V	800MHz	1600MHz	78 TFBGA 7.5x10.6mm	242pcs/tray	MP
CS66DT2G6Q2/7Q2	128Mx16	1.5V/1.35V	800MHz	1600MHz	96 TFBGA 7.5x13.5mm	209pcs/tray	MP
Density: 4G							
CS68DT4G6Q3/7Q3	512Mx8	1.5V/1.35V	800MHz	1600MHz	78 TFBGA 7.5x10.6mm	209pcs/tray	MP
CS66DT4G6Q4/7Q4	256Mx16	1.5V/1.35V	800MHz	1600MHz	96 TFBGA 7.5x13.5mm	209pcs/tray	MP

DDR4

Part Number	Organization	VDD	Clock Rate	Data Rate	Package	MPQ/pcs	Status
Density: 8G							
CS66DU8GQ9	512Mx16	1.2V	1333MHz	2666MHz	96 TFBGA 7.5x13.3mm	112pcs/tray	MP
Density: 16G							
CS66DU16GQB	1Gx16	1.2V	1333MHz	2666MHz	96 TFBGA 9.5x13.3mm	128pcs/tray	MP



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High Speed Super Low Power SRAM

Part Number	Organization	Vcc	Speed	Pin	Package	CE	MPQ/pcs	Status
Density: 1M								
CS18LV11253CCR45 /55 /70	128Kx8	2.7~3.6V	45 / 55 / 70 ns	32	SOP	Dual	22pcs/tube	MP
CS18LV11253DCR45 /55 /70	128Kx8	2.7~3.6V	45 / 55 / 70 ns	32	STSOP	Dual	234pcs/tray	MP
CS18LV11253ECR45 /55 /70	128Kx8	2.7~3.6V	45 / 55 / 70 ns	32	TSOP-I	Dual	156pcs/tray	MP
CS16LV11243GCR45 /55 /70	64Kx16	2.7~3.6V	45 / 55 / 70 ns	44	TSOP-II	Single	135pcs/tray	MP
CS18LV11255CCR45 /55 /70	128Kx8	4.5~5.5V	45 / 55 / 70 ns	32	SOP	Dual	22pcs/tube	MP
CS18LV11255DCR45 /55 /70	128Kx8	4.5~5.5V	45 / 55 / 70 ns	32	STSOP	Dual	234pcs/tray	MP
CS18LV11255ECR45 /55 /70	128Kx8	4.5~5.5V	45 / 55 / 70 ns	32	TSOP-I	Dual	156pcs/tray	MP
CS18LV11255LCR45 /55 /70	128Kx8	4.5~5.5V	45 / 55 / 70 ns	32	PDIP	Dual	13pcs/tube	MP
CS16LV11245GCR45 /55 /70	64Kx16	4.5~5.5V	45 / 55 / 70 ns	44	TSOP-II	Single	135pcs/tray	MP
Density: 2M								
CS18LV21493CCR45 /55 /70	256Kx8	2.7~3.6V	45 / 55 / 70 ns	32	SOP	Dual	22pcs/tube	MP
CS18LV21493DCR45 /55 /70	256Kx8	2.7~3.6V	45 / 55 / 70 ns	32	STSOP	Dual	234pcs/tray	MP
CS18LV21493ECR45 /55 /70	256Kx8	2.7~3.6V	45 / 55 / 70 ns	32	TSOP-I	Dual	156pcs/tray	MP
CS16LV21483GCR45 /55 /70	128Kx16	2.7~3.6V	45 / 55 / 70 ns	44	TSOP-II	Single	135pcs/tray	MP
CS16LV21493GCR45 /55 /70	128Kx16	2.7~3.6V	45 / 55 / 70 ns	44	TSOP-II	Dual	135pcs/tray	MP
Density: 4M								
CS18LV41963CCR45 /55 /70	512Kx8	2.7~3.6V	45 / 55 / 70 ns	32	SOP	Single	22pcs/tube	MP
CS18LV41963DCR45 /55 /70	512Kx8	2.7~3.6V	45 / 55 / 70 ns	32	STSOP	Single	234pcs/tray	MP
CS18LV41963ECR45 /55 /70	512Kx8	2.7~3.6V	45 / 55 / 70 ns	32	TSOP-I	Single	156pcs/tray	MP
CS16LV41963GCR45 /55 /70	256Kx16	2.7~3.6V	45 / 55 / 70 ns	44	TSOP-II	Single	135pcs/tray	MP
CS16LV41973GCR45 /55 /70	256Kx16	2.7~3.6V	45 / 55 / 70 ns	44	TSOP-II	Dual	135pcs/tray	MP
CS18LV41965CCR45 /55 /70	256Kx8	4.5~5.5V	45 / 55 / 70 ns	32	SOP	Single	22pcs/tube	MP
CS18LV41965DCR45 /55 /70	256Kx8	4.5~5.5V	45 / 55 / 70 ns	32	STSOP	Single	234pcs/tray	MP
CS18LV41965ECR45 /55 /70	256Kx8	4.5~5.5V	45 / 55 / 70 ns	32	TSOP-I	Single	156pcs/tray	MP
CS16LV41965GCR45 /55 /70	256Kx16	4.5~5.5V	45 / 55 / 70 ns	44	TSOP-II	Single	135pcs/tray	MP
Density: 8M								
CS18LV82933GCR45 /55 /70	1Mx8	2.7~3.6V	45 / 55 / 70 ns	44	TSOP-II	Dual	135pcs/tray	MP
CS16LV82923GCR45 /55 /70	512Kx16	2.7~3.6V	45 / 55 / 70 ns	44	TSOP-II	Single	135pcs/tray	MP

PSEUDO SRAM

Part Number	Organization	Vcc	Speed	Pin	Package	CE	MPQ/pcs	Status
Density: 8M(PPI)								
CS26LV81923AHIP70	512Kx16	2.7~3.6V	70ns	48	BGA 6x8mm	Dual	480pcs/tray	MP
Density: 16M(PPI)								
CS26LV16183HIP70 / CS26LV16163CHIP70	1Mx16	2.7~3.6V	70ns	48	BGA 6x8mm	Dual	480pcs/tray	MP
Density: 32M(PPI)								
CS26LV32173HIP70 / CS26LV32163CHIP70	2Mx16	2.7~3.6V	70ns	48	BGA 6x8mm	Dual	480pcs/tray	MP
Density: 64M(PPI)								
CS26LV64173AHIP70	4Mx16	2.7~3.6V	70ns	48	BGA 6x8mm	Dual	480pcs/tray	MP
Density: 64M(SPI/QPI)								
CS8364XXNPI-7	8Mx8	1.62V~1.98V : 2.7~3.6V	70ns	8	8L SOP	Single	480pcs/tray	MP

FAST SRAM

Part Number	Organization	Vcc	Speed	Pin	Package	CE	MPQ/pcs	Status
Density: 1M								
CS16FS1024WG	64Kx16	1.65~3.6V	8/10/12 ns	44	TSOP-II	Single	135pcs/tray	MP
Density: 2M								
CS18FS2048WG	256Kx8	1.65~3.6V	8/10/12 ns	44	TSOP-II	Single	135pcs/tray	MP
CS16FS2048WG	128Kx16	1.65~3.6V	8/10/12 ns	44	TSOP-II	Single	135pcs/tray	MP
Density: 4M								
CS18FS4096WG	512Kx8	1.65~3.6V	8/10/12 ns	44	TSOP-II	Single	135pcs/tray	MP
CS16FS4096WG	256Kx16	1.65~3.6V	8/10/12 ns	44	TSOP-II	Single	135pcs/tray	MP
Density: 8M								
CS18FS8192WG	1Mx8	1.65~3.6V	8/10/12 ns	44	TSOP-II	Single	135pcs/tray	MP
CS16FS8192WG	512Kx16	1.65~3.6V	8/10/12 ns	44	TSOP-II	Single	135pcs/tray	MP
Density: 16M								
CS18FS1616WG	2Mx8	1.65~3.6V	8/10/12 ns	44	TSOP-II	Single	135pcs/tray	MP
CS16FS1616WT	1Mx16	1.65~3.6V	8/10/12 ns	48	TSOP-I(12x20mm)	Single	96pcs/tray	MP
Density: 32M								
CS18FS3216WH	4Mx8	1.65~3.6V	10/15 ns	48	TFBGA(6x8mm)	Single	480pcs/tray	MP
CS16FS3216WH	2Mx16	1.65~3.6V	10/15 ns	48	TFBGA(6x8mm)	Single	480pcs/tray	MP

MRAM

Part Number	Organization	Vcc	Speed	Pin	Package	CE	MPQ/pcs	Status
SPI								
CS824XXXNRI-9/NPI-9	1M/2M/4M/8M/16 M	1.71V~1.98V : 2.7~3.6V	108MHz	8	8L WSON / 8L SOP	Single	570pcs/tray / 2700pcs/reel	MP
PPI								
CS818XXXHI-70/GI-70/NI-70	1M/2M/4M/8M/16 M	1.71V~1.98V : 2.7~3.6V	70ns	48/44/54	TFBGA(6x8mm)/44 TSOP-II/54 TSOP-II	Single	480pcs/tray / 135pcs/tray /108pcs/tray	MP
CS816XXXHI-70/GI-70/NI-70	1M/2M/4M/8M/16 M	1.71V~1.98V : 2.7~3.6V	70ns	48/44/54	TFBGA(6x8mm)/44 TSOP-II/54 TSOP-II	Single	480pcs/tray / 135pcs/tray /108pcs/tray	MP