



CHIPLUS SEMICONDUCTOR CORP.

4F, No. 15, Industry East Rd. 9, Science-Based Industrial Park, Hsin-Chu, Taiwan 300, R.O.C.
 TEL: +886-3-5637887 FAX: +886-3-5637877 Website: www.chiplus.com

PRODUCT LIST / Q1 2019

I. MEMORY IC

SDRAM

#	Part Number	Den. / Org.	VDD	Speed	Pin	Package	CS#	MPQ / pcs	Status
S	CS56SD64NC-6	64M / 4Mx16	3.0~3.6V	6ns	54	TSOPII 400mil	Single	1 Tray = 108	MP
S	CS56SD128NC-6	128M / 8Mx16	3.0~3.6V	6ns	54	TSOPII 400mil	Single	1 Tray = 108	MP
S	CS56SD256NC-6	256M / 16Mx16	3.0~3.6V	6ns	54	TSOPII 400mil	Single	1 Tray = 108	MP
S	CS56SD512NC-6	512M / 32Mx16	2.7~3.6V	6ns	54	TSOPII 400mil	Single	1 Tray = 108	MP
S	CS56SD5129C-6	512M / 32Mx16	2.7~3.6V	6ns	54	BGA/8x8mm	Single	1 Tray = 319	MP

LPDDR 1

#	Part Number	Den. / Org.	VDD	Clock Rate	Speed	Package	CS#	MPQ / pcs	Status
S	CS66DR2563W-60	256M / 16Mx16	1.7~1.95V	166MHz	333MHz	60 TFBGA	Single	1 Tray = 160	MP
S	CS66DR5123W-50	512M / 32Mx16	1.7~1.95V	200MHz	400MHz	60 TFBGA	Single	1 Tray = 160	MP
S	CS66DR1G3W-50	1G / 64Mx16	1.7~1.95V	200MHz	400MHz	60 TFBGA	Single	1 Tray = 160	MP

DDR 3 (New)

#	Part Number	Den. / Org.	VDD	Clock Rate	Speed	Package	CS#	MPQ / pcs	Status
S	CS66DT1G6Q5C-8K	1G / 64Mx16	1.5V	800MHz	1600MHz	96 TFBGA	Single	TBD	Sampling
S	CS66DT1G7Q5C-8K	1G / 64Mx16	1.35V	800MHz	1600MHz	96 TFBGA	Single	TBD	Sampling
S	CS66DT2G6Q5C-8K	2G / 128Mx16	1.5V	800MHz	1600MHz	96 TFBGA	Single	TBD	Sampling
S	CS66DT2G7Q5C-8K	2G / 128Mx16	1.35V	800MHz	1600MHz	96 TFBGA	Single	TBD	Sampling
S	CS66DT4G6Q5C-8K	4G / 256Mx16	1.5V	800MHz	1600MHz	96 TFBGA	Single	TBD	Sampling
S	CS66DT4G7Q5C-8K	4G / 256Mx16	1.35V	800MHz	1600MHz	96 TFBGA	Single	TBD	Sampling

PSEUDO SRAM

#	Part Number	Den. / Org.	Vcc	Speed	Pin	Package	CE	MPQ / pcs	Status
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S	CS26LV16163CHCP70	16M / 1Mx16	2.6~3.6V	70ns	48	BGA/6x8mm	Dual	1 Tray = 480	MP
S	CS26LV32163CHCP70	32M / 2Mx16	2.6~3.6V	70ns	48	BGA/6x8mm	Dual	1 Tray = 480	MP
S	CS26LV64173AHCP70	64M / 4Mx16	2.7~3.6V	70ns	48	BGA/6x8mm	Dual	1 Tray = 480	MP

Fast Speed SRAM

#	Part Number	Organization	Vcc	Speed	Pin	Package	CE	MPQ / pcs	Status
Density: 1M									
1	CS16FS10243GC-10	64Kx16	3.0~3.6V	10ns	44	TSOP-II	Single	1 Tray = 96	MP
2	CS16FS1024WGC-10	64Kx16	1.8~3.6V	10ns	44	TSOP-II	Single	1 Tray = 96	MP
3	CS16FS1024WHC-10	64Kx16	1.8~3.6V	10ns	48	BGA/6x8mm	Single	1 Tray = 480	MP
4	CS16FS10245GC-10	64Kx16	4.5~5.5V	10ns	44	TSOP-II	Single	1 Tray = 96	MP
Density: 2M									
1	CS18FS2048WGC-10	256Kx8	1.8~3.6V	10ns	44	TSOP-II	Single	1 Tray = 96	MP
2	CS16FS2048WGC-10	128Kx16	1.8~3.6V	10ns	44	TSOP-II	Single	1 Tray = 96	MP
3	CS16FS2048WHC-10	128Kx16	1.8~3.6V	10ns	48	BGA/6x8mm	Single	1 Tray = 480	MP
4	CS18FS20485GC-10	256Kx8	4.5~5.5V	10ns	44	TSOP-II	Single	1 Tray = 96	MP
5	CS16FS20485GC-10	128Kx16	4.5~5.5V	10ns	44	TSOP-II	Single	1 Tray = 96	MP
Density: 4M									
1	CS18FS4096WGC-10	512Kx8	1.8~3.6V	10ns	44	TSOP-II	Single	1 Tray = 96	MP
2	CS16FS4096WGC-10	256Kx16	1.8~3.6V	10ns	44	TSOP-II	Single	1 Tray = 96	MP
3	CS16FS4096WHC-10	256Kx16	1.8~3.6V	10ns	48	BGA/6x8mm	Single	1 Tray = 480	MP
4	CS18FS40965GC-10	512Kx8	4.5~5.5V	10ns	44	TSOP-II	Single	1 Tray = 96	MP
5	CS16FS40965GC-10	256Kx16	4.5~5.5V	10ns	44	TSOP-II	Single	1 Tray = 96	MP
Density: 8M									
1	CS18FS8192WGC-10	1Mx8	1.8~3.6V	10ns	44	TSOP-II	Single	1 Tray = 96	MP
2	CS16FS8192WGC-10	512Kx16	1.8~3.6V	10ns	44	TSOP-II	Single	1 Tray = 96	MP
3	CS16FS8192WHC-10	512Kx16	1.8~3.6V	10ns	48	BGA/6x8mm	Single	1 Tray = 480	MP
4	CS18FS81925GC-10	1Mx8	4.5~5.5V	10ns	44	TSOP-II	Single	1 Tray = 96	MP
5	CS16FS81925GC-10	512Kx16	4.5~5.5V	10ns	44	TSOP-II	Single	1 Tray = 96	MP
Density: 16M									
1	CS18FS1616WGC-10	2Mx8	1.8~3.6V	10ns	44	TSOP-II	Single	1 Tray = 96	MP
2	CS16FS1616WTC-10	1Mx16	1.8~3.6V	10ns	48	TSOP-I	Single	1 Tray = 96	MP
3	CS16FS1616WHC-10	1Mx16	1.8~3.6V	10ns	48	BGA/6x8mm	Single	1 Tray = 480	MP
4	CS18FS16165GC-10	2Mx8	4.5~5.5V	10ns	44	TSOP-II	Single	1 Tray = 96	MP
5	CS16FS16165TC-10	1Mx16	4.5~5.5V	10ns	48	TSOP-I	Single	1 Tray = 96	MP
Density: 32M									
1	CS18FS3216WHC-10	4Mx8	2.5~3.3	10ns	48	BGA/6x8mm	Single	1 Tray = 480	MP
2	CS18FS3216WHC-15	4Mx8	1.8V	15ns	48	BGA/6x8mm	Single	1 Tray = 480	MP
3	CS16FS3216WHC-10	2Mx16	2.5~3.3	10ns	48	BGA/6x8mm	Single	1 Tray = 480	MP
4	CS16FS3216WHC-15	2Mx16	1.8V	15ns	48	BGA/6x8mm	Single	1 Tray = 480	MP

High Speed Super Low Power SRAM (90nm)

#	Part Number	Organization	Vcc	Speed	Pin	Package	CE	MPQ / pcs	Status
Density: 1M									

1	CS18LV11253CCR45/55/70	128Kx8	2.7~3.6V	45/55/70ns	32	SOP	Dual	1 Tube = 22	MP
2	CS18LV11253DCR45/55/70	128Kx8	2.7~3.6V	45/55/70ns	32	STSOP	Dual	1 Tray = 234	MP
3	CS18LV11253ECR45/55/70	128Kx8	2.7~3.6V	45/55/70ns	32	TSOP-I	Dual	1 Tray = 156	MP
4	CS16LV11243GCR45/55/70	64Kx16	2.7~3.6V	45/55/70ns	44	TSOP-II	Single	1 Tray = 135	MP
5	CS18LV11255CCR45/55/70	128Kx8	4.5~5.5V	45/55/70ns	32	SOP	Dual	1 Tube = 22	MP
6	CS18LV11255DCR45/55/70	128Kx8	4.5~5.5V	45/55/70ns	32	STSOP	Dual	1 Tray = 234	MP
7	CS18LV11255ECR45/55/70	128Kx8	4.5~5.5V	45/55/70ns	32	TSOP-I	Dual	1 Tray = 156	MP
9	CS18LV11255LCR45/55/70	128Kx8	4.5~5.5V	45/55/70ns	32	PDIP	Dual	1 Tube = 13	MP
10	CS16LV11245GCR45/55/70	64Kx16	4.5~5.5V	45/55/70ns	44	TSOP-II	Single	1 Tray = 135	MP

Density: 2M

1	CS18LV21493CCR45/55/70	256Kx8	2.7~3.6V	45/55/70ns	32	SOP	Dual	1 Tube = 22	MP
2	CS18LV21493DCR45/55/70	256Kx8	2.7~3.6V	45/55/70ns	32	STSOP	Dual	1 Tray = 234	MP
3	CS18LV21493ECR45/55/70	256Kx8	2.7~3.6V	45/55/70ns	32	TSOP-I	Dual	1 Tray = 156	MP
4	CS16LV21483GCR45/55/70	128Kx16	2.7~3.6V	45/55/70ns	44	TSOP-II	Single	1 Tray = 135	MP
5	CS16LV21493GCR45/55/70	128Kx16	2.7~3.6V	45/55/70ns	44	TSOP-II	Dual	1 Tray = 135	MP
6	CS18LV21495CCR45/55/70	256Kx8	4.5~5.5V	45/55/70ns	32	SOP	Dual	1 Tube = 22	MP
7	CS18LV21495DCR45/55/70	256Kx8	4.5~5.5V	45/55/70ns	32	STSOP	Dual	1 Tray = 234	MP
8	CS18LV21495ECR45/55/70	256Kx8	4.5~5.5V	45/55/70ns	32	TSOP-I	Dual	1 Tray = 156	MP
9	CS16LV21485GCR45/55/70	128Kx16	4.5~5.5V	45/55/70ns	44	TSOP-II	Single	1 Tray = 135	MP

Density: 4M

1	CS18LV41963CCR45/55/70	512Kx8	2.7~3.6V	45/55/70ns	32	SOP	Single	1 Tube = 22	MP
2	CS18LV41963DCR45/55/70	512Kx8	2.7~3.6V	45/55/70ns	32	STSOP	Single	1 Tray = 234	MP
3	CS18LV41963ECR45/55/70	512Kx8	2.7~3.6V	45/55/70ns	32	TSOP-I	Single	1 Tray = 156	MP
4	CS18LV41963FCR45/55/70	512Kx8	2.7~3.6V	45/55/70ns	32	TSOP-II	Single	1 Tray = 117	MP
5	CS16LV41963GCR45/55/70	256Kx16	2.7~3.6V	45/55/70ns	44	TSOP-II	Single	1 Tray = 135	MP
6	CS16LV41973GCR45/55/70	256Kx16	2.7~3.6V	45/55/70ns	44	TSOP-II	Dual	1 Tray = 135	MP
7	CS18LV41965CCR45/55/70	256Kx8	4.5~5.5V	45/55/70ns	32	SOP	Single	1 Tube = 22	MP
8	CS18LV41965DCR45/55/70	256Kx8	4.5~5.5V	45/55/70ns	32	STSOP	Single	1 Tray = 234	MP
9	CS18LV41965ECR45/55/70	256Kx8	4.5~5.5V	45/55/70ns	32	TSOP-I	Single	1 Tray = 156	MP
10	CS18LV41965FCR45/55/70	128Kx16	4.5~5.5V	45/55/70ns	32	TSOP-II	Single	1 Tray = 117	MP
11	CS18LV41965LCR45/55/70	128Kx16	4.5~5.5V	45/55/70ns	32	PDIP	Single	1 Tube = 13	MP
12	CS16LV41965GCR45/55/70	256Kx16	4.5~5.5V	45/55/70ns	44	TSOP-II	Single	1 Tray = 135	MP

Density: 8M

1	CS18LV82933GCR45/55/70	1Mx8	2.7~3.6V	45/55/70ns	44	TSOP-II	Dual	1 Tray = 135	MP
2	CS16LV82923GCR45/55/70	512Kx16	2.7~3.6V	45/55/70ns	44	TSOP-II	Single	1 Tray = 135	MP

LOW POWER SRAM

#	Part Number	Organization	Vcc	Speed	Pin	Package	CE	MPQ / pcs	MPQ / pcs
Density: 256K									
1	CS18LV02563ACR55/70	32Kx8	2.7~3.6V	55/70ns	28	SOP	Single	1 Tube = 25	MP
2	CS18LV02563BCR55/70	32Kx8	2.7~3.6V	55/70ns	28	TSOP-I	Single	1 Tray = 234	MP
3	CS18LV02563PCR55/70	32Kx8	2.7~3.6V	55/70ns	28	PDIP	Single	1 Tube = 15	MP
4	CS18LV02565ACR55/70	32Kx8	4.5~5.5V	55/70ns	28	SOP	Single	1 Tube = 25	MP
5	CS18LV02565BCR55/70	32Kx8	4.5~5.5V	55/70ns	28	TSOP-I	Single	1 Tray = 234	MP
6	CS18LV02565PCR55/70	32Kx8	4.5~5.5V	55/70ns	28	PDIP	Single	1 Tube = 15	MP
Density: 1M									
1	CS18LV10243CCR55/70	128Kx8	2.7~3.6V	55/70ns	32	SOP	Dual	1 Tube = 22	MP
2	CS18LV10243DCR55/70	128Kx8	2.7~3.6V	55/70ns	32	STSOP	Dual	1 Tray = 234	MP
3	CS18LV10243ECR55/70	128Kx8	2.7~3.6V	55/70ns	32	TSOP-I	Dual	1 Tray = 156	MP
4	CS16LV10243GCR55/70	64Kx16	2.7~3.6V	55/70ns	44	TSOP-II	Single	1 Tray = 135	MP
5	CS18LV10245CCR55/70	128Kx8	4.5~5.5V	55/70ns	32	SOP	Dual	1 Tube = 22	MP
6	CS18LV10245DCR55/70	128Kx8	4.5~5.5V	55/70ns	32	STSOP	Dual	1 Tray = 234	MP

7	CS18LV10245ECR55/70	128Kx8	4.5~5.5V	55/70ns	32	TSOP-I	Dual	1 Tray = 156	MP
8	CS18LV10245LCR55/70	128Kx8	4.5~5.5V	55/70ns	32	PDIP/600mil	Dual	1 Tube = 13	MP
Density: 2M									
1	CS18LV20483ACCR55/70	256Kx8	2.7~3.6V	55/70ns	32	SOP	Dual	1 Tube = 22	MP
2	CS18LV20483ADCR55/70	256Kx8	2.7~3.6V	55/70ns	32	STSOP	Dual	1 Tray = 234	MP
3	CS18LV20483AECR55/70	256Kx8	2.7~3.6V	55/70ns	32	TSOP-I	Dual	1 Tray = 156	MP
4	CS16LV20483AGCR55/70	128Kx16	2.7~3.6V	55/70ns	44	TSOP-II	Single	1 Tray = 135	MP
5	CS16LV20493AGCR55/70	128Kx16	2.7~3.6V	55/70ns	44	TSOP-II	Dual	1 Tray = 135	MP
Density: 4M									
1	CS18LV40963CCR55/70	512Kx8	2.7~3.6V	55/70ns	32	SOP	Single	1 Tube = 22	MP
2	CS18LV40963DCR55/70	512Kx8	2.7~3.6V	55/70ns	32	STSOP	Single	1 Tray = 234	MP
3	CS18LV40963ECR55/70	512Kx8	2.7~3.6V	55/70ns	32	TSOP-I	Single	1 Tray = 156	MP
4	CS18LV40963FCR55/70	512Kx8	2.7~3.6V	55/70ns	32	TSOP-II	Single	1 Tray = 117	MP
5	CS16LV40963GCR55/70	256Kx16	2.7~3.6V	55/70ns	44	TSOP-II	Single	1 Tray = 135	MP
6	CS16LV40973GCR55/70	256Kx16	2.7~3.6V	55/70ns	44	TSOP-II	Dual	1 Tray = 135	MP
7	CS16LV40973UCP55/70	256Kx16	2.7~3.6V	55/70ns	48	BGA/6x7mm	Dual	1 Tray = 364	MP
Density: 8M									
1	CS18LV81923AGCR55/70	1Mx8	2.7~3.6V	55/70ns	44	TSOP-II	Dual	1 Tray = 135	MP
2	CS16LV81923BGCR55/70	512Kx16	2.7~3.6V	55/70ns	44	TSOP-II	Single	1 Tray = 135	MP

Note for Memory IC:

- 1 Above memory IC are listed in C-grade. For I-grade, U/P will be marked up \$0.02/ea. (SDRAM in I-grade will be quoted separately)
- 2 LPDDR line are listed in W-grade (-30°C ~ 85°C)
- 3 Standard packing for SOP / SOJ / PDIP pkg is Tube. For T&R packing, U/P will be marked up \$0.02/ea.
- 4 Standard LT is 3 to 5 weeks depending on stocks level. # S stands for Special Pkg Product and the LT shall be confirmed in advance.
- 5 For further product information, please log on our website at www.chiplus.com.

II. ANALOG IC

LED Driver for Display

#	Part Number	Product Description	Pin	Package	MPQ / pcs	Status
Output Channel: 8						
1	CS8819AD	Input DC Vcc: 3.0~5.5V Max Output Drain: 17V Output Current: 3~120 mA	16	SSOP 150mil	1 Reel = 2,500	MP
Output Channel: 16						

1	CS8817AF	Input DC Vcc: 3.3~5.0V Max Output Drain: 17V	24	SSOP 236mil	1 Reel = 2,000	MP
2	CS8817AN	Input DC Vcc: 3.3~5.0V Max Output Drain: 17V	24	SSOP 150mil	1 Reel = 2,500	MP

LED Driver for Lighting

#	Part Number	Product Description	Pin	Package	MPQ / pcs	Status
Output Channel: 1						
1	CS8906C	Supply Voltage: 12~25V Output Current: 300 mA Fit: E26/27, T5/T8, LED Lamp	6	SOT-23-6	1 Reel = 3,000	MP

Note for LED Driver IC:

- 1 For regular shipment, standard packing is T&R.
- 2 The standard LT is within 3 weeks depending on stocks level.
- 3 For further product information, please log on our website at www.chiplus.com.

