



华润华晶

产品目录

PRODUCT CATALOG

2019第三版

Product Catalog 2019V3

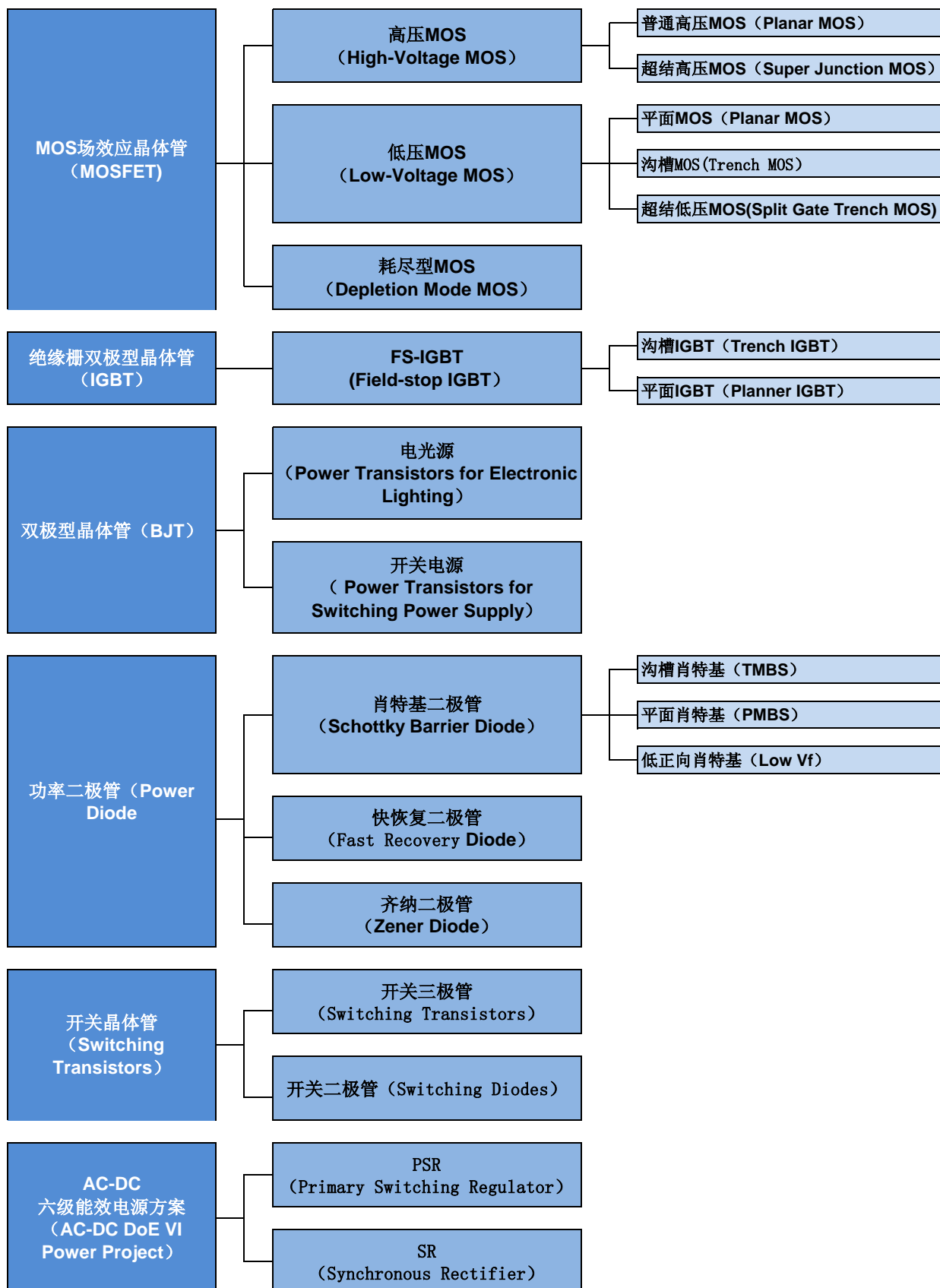
无锡华润华晶微电子有限公司

WUXI CHINA RESOURCES HUAJING MICROELECTRONICS CO.,LTD

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产品系列





MOSFET/高压/Planar MOSFET

Part Number	Package	V _{DS} (V)	I _D (A)	R _{DS(ON)} at V _{GS} =10V		V _{GS(TH)}		Q _g	C _{iss}	
				TYP(Ω)	MAX(Ω)	Min (V)	Max (V)	Typ	Typ	
								(nC)	(pF)	
CS3N20A23H	SOT-223	200	3	1.2	1.5	2	4	4.3	101	
CS3N20A3H	TO-251		3	1.2	1.5	2	4	4.3	101	
CS3N20A4H	TO-252		3	1.2	1.5	2	4	4.3	101	
CS5N20A3	TO-251		5	0.49	0.65	2	4	7	255	
CS5N20A4	TO-252		5	0.49	0.65	2	4	7	255	
CS5N20FA9	TO-220F		5	0.49	0.65	2	4	7	255	
CS630A3R	TO-251		9	0.22	0.28	1	3	14.6	673	
CS630A4R	TO-252		9	0.22	0.28	1	3	14.6	673	
CS630FA9R	TO-220F		9	0.22	0.28	1	3	14.6	673	
CS9N20A3R	TO-251		9	0.24	0.28	2	4	12.6	560	
CS9N20A4R	TO-252		9	0.24	0.28	2	4	12.6	560	
CS9N20A8R	TO-220AB		9	0.24	0.28	2	4	12.6	560	
CS9N20FA9R	TO-220F		9	0.24	0.28	2	4	12.6	560	
CS18N20A4R	TO-252		18	0.12	0.18	2	4	20.4	1136	
CS18N20A8R	TO-220AB		18	0.12	0.18	2	4	20.4	1136	
CS18N20FA9R	TO-220F		18	0.12	0.18	2	4	20.4	1136	
CS30N20A8R	TO-220AB		30	0.07	0.08	2	4	38	1945	
CS30N20FA9R	TO-220F		30	0.07	0.08	2	4	38	1945	
CS40N20FB9R*	TO-220F		40		0.066	3	5			
CS50N20A8R	TO-220AB		50	0.041	0.051	2	4	150	7900	
CS50N20ANR	TO-3P(N)		50	0.042	0.051	2	4	150	7900	
CS60N20A8R	TO-220AB		60	0.039	0.046	2	4	56.9	3308	
CS60N20ANR	TO-3P(N)		60	0.039	0.046	2	4	56.9	3308	
CS70N20ANR	TO-3P(N)		70	0.0295	0.035	2	4	87.4	4748	
CS70N20AKR	TO-247		70	0.0295	0.035	2	4	87.4	4748	
IRFU214BA3HD	TO-251		250	3	1	1.5	2	4	8	210
CS3N25A4D	TO-252			3	1	1.5	2	4	8	210
CS8N25A3R	TO-251			8	0.36	0.47	2	4	12.8	557
CS8N25A4R	TO-252			8	0.36	0.47	2	4	12.8	557
CS8N25A8R	TO-220AB			8	0.36	0.47	2	4	12.8	557
CS8N25FA9R	TO-220F	8		0.36	0.47	2	4	12.8	557	
CS14N25A4R	TO-252	14		0.2	0.25	2	4	22.7	1080	
CS14N25A8R	TO-220AB	14		0.2	0.25	2	4	22.7	1080	
CS30N25A8R*	TO-220AB	30		0.1	0.12	2	4			
CS30N25FA9R*	TO-220F	30		0.1	0.12	2	4			
CS40N25FA9R*	TO-220F	40			0.094	3	5			
CS45N25FA9R*	TO-220F	45			0.085	3	5			
CS55N25FA9R*	TO-220F	55			0.069	3	5			
CS65N25ANR*	TO-3P(N)	65		0.045	0.055	2	4			
CS2N30ATH	SOT-89	300		2	5	5.5	2	4	4	54
CS3N30B23H	SOT-223		3	2.2	3	2	4	4.2	120	
CS3N30B3H	TO-251		3	2.2	3	2	4	4.2	120	
CS5N30A3H	TO-251		5	1.2	1.4	2	4		204	
CS38N30AN	TO-3P(N)		38	0.045	0.085	2	4	123	5900	
CS70N30AN	TO-3P(N)		70		0.042	2	4			
CS3N40A23H	SOT-223		400	3	2.8	3.4	2	4	5	139
CS3N40A3H	TO-251	3		2.8	3.4	2	4	5	139	
CS3N40A4H	TO-252	3		2.8	3.4	2	4	5	139	
CS6N40A3R	TO-251	6		0.8	1	2	4	12.6	583	
CS6N40A4R	TO-252	6		0.8	1	2	4	12.6	583	
CS6N40FA9R	TO-220F	6		0.8	1	2	4	12.6	583	
CS10N40A4R	TO-252	10		0.44	0.55	2	4	23	1126	
CS10N40A8R	TO-220AB	10		0.44	0.55	2	4	23	1126	
CS10N40FA9R	TO-220F	10		0.44	0.55	2	4	23	1126	
CS19N40A8R	TO-220AB	19		0.23	0.3	2	4	39	1919	
CS19N40FA9R	TO-220F	19		0.23	0.3	2	4	39	1919	
CS19N40ANR	TO-3P(N)	19		0.23	0.3	2	4	39	1919	

*表示即将推出新品



MOSFET/高压/Planar MOSFET

Part Number	Package	V _{DS} (V)	I _D (A)	R _{DS(ON)} at V _{GS} =10V		V _{GS(TH)}		Q _g	C _{iss}	
				TYP(Ω)	MAX(Ω)	Min (V)	Max (V)	Typ	Typ	
								(nC)	(pF)	
CS1N50ATR	SOT-89	500	1	9.1	10	2	4	6.2	70	
CS1N50A1R	TO-92		1	9.1	10	2	4	6.2	70	
CS1N50A3R	TO-251		1	9.1	10	2	4	6.2	70	
CS2N50A3R	TO-251		2	5	6	2	4	7.9	156	
CS2N50A4R	TO-252		2	5	6	2	4	7.9	156	
CS2N50FA9R	TO-220F		2	5	6	2	4	7.9	156	
CS2N55A3R*	TO-251		2	5.7	6.7	2	4			
CS3N50A23H	SOT-223		3	2.4	3	2	4	8.5	280	
CS3N50B3HY	TO-251		3	2.4	3	2	4	8.5	280	
CS3N50B4HY	TO-252		3	2.4	3	2	4	8.5	280	
CS3N50A3R	TO-251		3	2.5	3	2	4	8.8	350	
CS3N50A4R	TO-252		3	2.5	3	2	4	8.8	350	
CS3N55A3R*	TO-251		3	2.9	3.5	2	4			
CS4N50A3R*	TO-251		4	1.8	2.8	2	4		424	
CS4N50A4R*	TO-252		4	1.8	2.8	2	4		424	
CS5N50A4R	TO-252		5	1.3	1.5	2	4	12.6	584	
CS5N50FA9R	TO-220F		5	1.3	1.5	2	4	12.6	584	
CS8N50A4R	TO-252		8	0.7	0.9	2	4	24	1136	
CS8N50A8R	TO-220AB		8	0.7	0.9	2	4	24	1136	
CS8N50FA9R	TO-220F		8	0.7	0.9	2	4	24	1136	
CS10N50A8R	TO-220AB		10	0.5	0.75	2	4	32	1620	
CS10N50FA9R	TO-220F		10	0.5	0.75	2	4	32	1620	
CS13N50A8R	TO-220AB		13	0.4	0.5	2	4	40	1957	
CS13N50FA9R	TO-220F		13	0.4	0.5	2	4	40	1957	
CS15N50A8R	TO-220AB		15	0.3	0.4	2	4	50	2400	
CS15N50FA9R	TO-220F		15	0.3	0.4	2	4	50	2400	
CS2698ANR	TO-3P(N)		15	0.3	0.4	2	4	50	2400	
CS18N50A8R*	TO-220AB		18		0.35	2	4			
CS18N50FA9R*	TO-220F		18		0.35	2	4			
CS20N50A8R	TO-220AB		20	0.24	0.3	2	4	52	2919	
CS20N50FA9R	TO-220F		20	0.24	0.3	2	4	52	2919	
CS25N50A8R	TO-220AB		25	0.21	0.27	2	4	64	3487	
CS25N50FA9R	TO-220F		25	0.21	0.27	2	4	64	3487	
CS25N50ANR	TO-3P(N)		25	0.21	0.27	2	4	64	3487	
CS30N50ANR	TO-3P(N)		30	0.09	0.12	2	4	153	7858	
CS1N60A1H	TO-92		600	0.8	11	15	2	4	4	92
CS1N60A3H	TO-251			0.8	11	15	2	4	4	92
CS1N60A4H	TO-252			0.8	11	15	2	4	4	92
CS1N60C1H	TO-92			1	8	10.5	2	4	8.7	112
CS1N60C3H	TO-251			1	8	10.5	2	4	8.7	112
CS1N60C4H	TO-252	1		8	10.5	2	4	8.7	112	
CS2N60B23H	SOT-223	1.5		7	8	2	4	5.2	145	
CS2N60B3HY	TO-251	1.5		7	8	2	4	5.2	145	
CS2N60A3HY	TO-251	2		3.6	4.5	2	4	8.5	280	
CS2N60A4HY	TO-252	2		3.6	4.5	2	4	8.5	280	
CS2N60A8HY	TO-220AB	2		3.6	4.5	2	4	8.5	280	
CS2N60FA9HY	TO-220F	2		3.6	4.5	2	4	8.5	280	
CS2N60A3R	TO-251	2		3.6	4.5	2	4	9.5	335	
CS2N60A4R	TO-252	2		3.6	4.5	2	4	9.5	335	
CS2N60FA9R	TO-220F	2		3.6	4.5	2	4	9.5	335	
CS3N60A3R*	TO-251	3			3.2	2	4			
CS3N60A4R*	TO-252	3			3.2	2	4			
CS3N60FA9R*	TO-220F	3			3.2	2	4			
CS4N60A3R	TO-251	4		2.1	2.5	2	4	14.5	590	
CS4N60A4R	TO-252	4		2.1	2.5	2	4	14.5	590	
CS4N60FA9R	TO-220F	4		2.1	2.5	2	4	14.5	590	
CS6N60A3H	TO-251	6		1.4	1.7	2	4	19.5	720	

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MOSFET/高压/Planar MOSFET

Part Number	Package	V _{DS} (V)	I _D (A)	R _{DS(ON)} at V _{GS} =10V		V _{GS(TH)}		Q _g	C _{iss}	
				TYP(Ω)	MAX(Ω)	Min (V)	Max (V)	Typ (nC)	Typ (pF)	
CS6N60A4H	TO-252	600	6	1.4	1.7	2	4	19.5	720	
CS6N60FA9H	TO-220F		6	1.4	1.7	2	4	19.5	720	
CS7N60A3R	TO-251		7	1	1.3	2	4	24	1121	
CS7N60A4R	TO-252		7	1	1.3	2	4	24	1121	
CS7N60FA9R	TO-220F		7	1	1.3	2	4	24	1121	
CS8N60A8H	TO-220AB		8	0.8	1.2	2	4	29	1253	
CS8N60FA9H	TO-220F		8	0.8	1.2	2	4	29	1253	
CS10N60A8R	TO-220AB		10	0.68	0.9	2	4	32	1609	
CS10N60FA9R	TO-220F		10	0.68	0.9	2	4	32	1609	
CS12N60A8R	TO-220AB		12	0.57	0.75	2	4	40	1980	
CS12N60FA9R	TO-220F		12	0.57	0.75	2	4	40	1980	
CS16N60A8R*	TO-220AB		16		0.5	2	4			
CS16N60FA9R*	TO-220F		16		0.5	2	4			
CS20N60A8R	TO-220AB		20	0.35	0.45	2	4	57	2987	
CS20N60FA9R	TO-220F		20	0.35	0.45	2	4	57	2987	
CS23N60A8R	TO-220AB		23	0.3	0.35	2	4	65	3390	
CS23N60FA9R	TO-220F		23	0.3	0.35	2	4	65	3390	
CS23N60ANR	TO-3P(N)		23	0.3	0.35	2	4	65	3390	
CS24N60ANR	TO-3P(N)		24	0.21	0.26	2	4	90.5	4710	
CS28N60ANR*	TO-3P(N)		28	0.13	0.15	2	4			
CS1N65B1	TO-92		650	1.5	8.5	9.5	2	4	5.3	139
CS1N65B3	TO-251			1.5	8.5	9.5	2	4	5.3	139
CS2N65A3HY	TO-251			2	3.9	5	2	4	9	290
CS2N65A4HY	TO-252	2		3.9	5	2	4	9	290	
CS2N65A8HY	TO-220AB	2		3.9	5	2	4	9	290	
CS2N65FA9HY	TO-220F	2		3.9	5	2	4	9	290	
CS2N65A3R	TO-251	2		4.2	5	2	4	9.5	335	
CS2N65A4R	TO-252	2		4.2	5	2	4	9.5	335	
CS2N65FA9R	TO-220F	2		4.2	5	2	4	9.5	335	
CS3N65A3R*	TO-251	3			3.5	2	4			
CS3N65A4R*	TO-252	3			3.5	2	4			
CS3N65FA9R*	TO-220F	3			3.5	2	4			
CS4N65A3R	TO-251	4		2.4	2.8	2	4	14.5	610	
CS4N65A4R	TO-252	4		2.4	2.8	2	4	14.5	610	
CS4N65FA9R	TO-220F	4		2.4	2.8	2	4	14.5	610	
CS5N65A3	TO-251	5		1.6	1.9	2	4	19	706	
CS5N65A4	TO-252	5		1.6	1.9	2	4	19	706	
CS5N65A8	TO-220AB	5		1.6	1.9	2	4	19	706	
CS5N65FA9H	TO-220F	5		1.6	1.9	2	4	19	706	
CS7N65A3R	TO-251	650		7	1.2	1.4	2	4	24	1130
CS7N65A4R	TO-252			7	1.2	1.4	2	4	24	1130
CS7N65FA9R	TO-220F			7	1.2	1.4	2	4	24	1130
CS8N65A3R	TO-251			8	0.86	1	2	4	29	1540
CS8N65FA9R	TO-220F		8	0.86	1	2	4	29	1540	
CS8N65A0H	TO-263		8	0.9	1.3	2	4	28	1240	
CS8N65A8H	TO-220AB		8	0.9	1.3	2	4	28	1240	
CS8N65FA9H	TO-220F		8	0.9	1.3	2	4	28	1240	
CS10N65A8R	TO-220AB		10	0.86	1	2	4	32	1642	
CS10N65FA9R	TO-220F		10	0.86	1	2	4	32	1642	
CS12N65A8R	TO-220AB		12	0.66	0.8	2	4	40	1993	
CS12N65FA9R	TO-220F		12	0.66	0.8	2	4	40	1993	
CS16N65A8R*	TO-220AB		16		0.56	2	4			
CS16N65FA9R*	TO-220F		16		0.56	2	4			
CS20N65A8R	TO-220AB		20	0.42	0.5	2	4	58	2983	
CS20N65FA9R	TO-220F		20	0.42	0.5	2	4	58	2983	
CS23N65A8R*	TO-220AB		23	0.35	0.43	2	4			
CS23N65FA9R*	TO-220F		23	0.35	0.43	2	4			

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MOSFET/高压/Planar MOSFET

Part Number	Package	V _{DS} (V)	I _D (A)	R _{DS(ON)} at V _{GS} =10V		V _{GS(TH)}		Q _g	C _{iss}
				TYP(Ω)	MAX(Ω)	Min (V)	Max (V)	Typ	Typ
								(nC)	(pF)
CS1N70A3R*	TO-251	700	1	9	10.5	2	4		
CS2N70A3R	TO-251		2	4.8	5.5	2	4		
CS4N70A3R	TO-251		4	2.55	3	2	4	12.7	606
CS4N70A4R	TO-252		4	2.55	3	2	4	12.7	606
CS4N70FA9R	TO-220F		4	2.55	3	2	4	12.7	606
CS5N70A8	TO-220AB		5	1.8	2.2	2	4	18.6	707
CS5N70FA9	TO-220F		5	1.8	2.2	2	4	18.6	707
CS6N70A3R	TO-251		6	1.28	1.6	2	4	26	1102
CS6N70A4R	TO-252		6	1.28	1.6	2	4	26	1102
CS6N70FA9R	TO-220F		6	1.28	1.6	2	4	26	1102
CS7N70A3R	TO-251		7	0.96	1.15	2	4	26.5	1556
CS7N70A4R	TO-252		7	0.96	1.15	2	4	26.5	1556
CS7N70FA9R	TO-220F		7	0.96	1.15	2	4	26.5	1556
CS8N70FA9R	TO-220F		8	0.96	1.15	2	4	27	1556
CS8N70ARR	TO-262		8	0.96	1.15	2	4	27	1556
CS10N70A8R	TO-220AB		10	0.88	1.05	2	4	34	1563
CS10N70FA9R	TO-220F		10	0.88	1.05	2	4	34	1563
CS12N70A8R	TO-220AB		12	0.7	0.85	2	4	38.6	1981
CS12N70FA9R	TO-220F		12	0.7	0.85	2	4	38.6	1981
CS2N80A3HY	TO-251		800	2	4.8	6.3	2	4	12
CS2N80A4HY	TO-252	2		4.8	6.3	2	4	12	386
CS3N80A3	TO-251	3		4	4.8	2	4	18	660
CS3N80A4	TO-252	3		4	4.8	2	4	18	660
CS3N80A8	TO-220AB	3		4	4.8	2	4	18	660
CS3N80FA9	TO-220F	3		4	4.8	2	4	18	660
CS3N80A3R*	TO-251	3		3.7	4.8	2	4		
CS3N80A4R*	TO-252	3		3.7	4.8	2	4		
CS3N80FA9R*	TO-220F	3		3.7	4.8	2	4		
CS4N80A3HD	TO-251	4		2.2	2.8	2	4	25	865
CS6N80A3R	TO-251	6		1.8	2.2	2	4	28.4	1556
CS6N80A4R	TO-252	6		1.8	2.2	2	4	28.4	1556
CS6N80FA9R	TO-220F	6		1.8	2.2	2	4	28.4	1556
CS7N80ARH	TO-262	7		1.5	1.8	2	4	34	1350
CS7N80A0H	TO-263	7		1.5	1.8	2	4	34	1350
CS7N80A8	TO-220AB	7		1.5	1.8	2	4	34	1350
CS7N80FA9	TO-220F	7		1.5	1.8	2	4	34	1350
CS7N80FA9R*	TO-220F	7			1.8	2	4		
CS8N80A8D	TO-220AB	8		1	1.25	2	4	49	2150
CS8N80FA9D	TO-220F	8		1	1.25	2	4	49	2150
CS10N80A8HD	TO-220AB	10	0.72	0.9	2	4	65	2900	
CS10N80FA9D	TO-220F	10	0.72	0.9	2	4	65	2900	
CS10N80AND	TO-3P(N)	10	0.72	0.9	2	4	65	2900	
CS3N90A4R*	TO-252	900	3	4.8	5.5	2	4		561
CS3N90FA9R*	TO-220F		3	4.8	5.5	2	4		561
CS3N90A3H	TO-251		3	5	5.5	2	4	16	630
CS3N90A4H	TO-252		3	5	5.5	2	4	16	630
CS3N90FA9H	TO-220F		3	5	5.5	2	4	16	630
CS4N90A3HD	TO-251		4	2.6	3	2	4	25.2	835
CS5N90A3R	TO-251		5	2.2	2.5	2	4	30.1	1156
CS5N90A4R	TO-252		5	2.2	2.5	2	4	30.1	1156
CS5N90A8R	TO-220AB		5	2.2	2.5	2	4	30.1	1156
CS5N90FA9R	TO-220F		5	2.2	2.5	2	4	30.1	1156
CS6N90A8H	TO-220AB		6	1.85	2.3	2	4	34	1355
CS6N90FA9H	TO-220F		6	1.85	2.3	2	4	34	1355
CS6N90ARH	TO-262		6	1.85	2.3	2	4	34	1355
CS6N90ARR*	TO-262		6	1.85	2.3	2	4		
CS8N90FA9D	TO-220F		8	1.3	1.5	2	4	47	2100

*表示即将推出新品



MOSFET/高压/Planar MOSFET

Part Number	Package	V _{DS} (V)	I _D (A)	R _{DS(ON)} at V _{GS} =10V		V _{GS(TH)}		Q _g	C _{iss}
				TYP(Ω)	MAX(Ω)	Min (V)	Max (V)	Typ (nC)	Typ (pF)
				CS9N90FA9D	TO-220F	900	9	0.95	1.3
CS9N90ANHD	TO-3P(N)	9	0.95	1.3	2		4	65	3850
CS20N90ANR	TO-3P(N)	20	0.28	0.4	2		4	140.5	7904
CS01N100A4R	TO-252	1000	0.1	46	110	2	4	8	65
CS2N100A3R*	TO-251		2	5	6	2	4		
CS3N120A3R	TO-251	1200	3	5.1	6	3	5	19.7	1006
CS3N120A4R	TO-252		3	5.1	6	3	5	19.7	1006
CS3N120FA9R	TO-220F		3	5.1	6	3	5	19.7	1006
CS3N150FA9R	TO-220F	1500	3	5	8	3	5	9.3	1938
CS3N150AHR	TO-3P(H)		3	5	8	3	5	9.3	1938

MOSFET/高压/Super Junction MOSFET

Part Number	Package	V _{DS} (V)	I _D (A)	R _{DS(ON)} at V _{GS} =10V		V _{GS(TH)}		Q _g	C _{iss}	
				TYP(Ω)	MAX(Ω)	Min (V)	Max (V)	Typ (nC)	Typ (pF)	
				HPU600R2K3DP	TO-251	600	4	2	2.3	2
HPD600R2K3DP	TO-252	4	2	2.3	2		4	11.5	575	
HPP600R2K3DP	TO-220AB	4	2	2.3	2		4	11.5	575	
HPA600R2K3DP	TO-220F	4	2	2.3	2		4	11.5	575	
HPU600R760MB	TO-251	5.5	0.7	0.76	2		4	9.26	353	
HPD600R760MB	TO-252	5.5	0.7	0.76	2		4	9.26	353	
HPA600R760MB	TO-220F	5.5	0.7	0.76	2		4	9.26	353	
HPU600R600PC-G*	TO-251	8	0.53	0.6	2		4	15	486	
HPD600R600PC-G*	TO-252	8	0.53	0.6	2		4	15	486	
HPA600R600PC-G*	TO-220F	8	0.53	0.6	2		4	15	486	
HPU600R380PC-G	TO-251	11	0.35	0.38	2		4	20.7	715	
HPD600R380PC-G	TO-252	11	0.35	0.38	2		4	20.7	715	
HPP600R380PC-G	TO-220AB	11	0.35	0.38	2		4	20.7	715	
HPA600R380PC-G	TO-220F	11	0.35	0.38	2		4	20.7	715	
HPI600R380PC-G	TO-262	11	0.35	0.38	2		4	20.7	715	
HPB600R380PC-G	TO-263	11	0.35	0.38	2		4	20.7	715	
HPD600R280PC-G*	TO-252	600	15	0.22	0.28	2	4	27	1048	
HPA600R280PC-G*	TO-220F		15	0.22	0.28	2	4	27	1048	
HPU600R280PC-G*	TO-3P(N)		15	0.22	0.28	2	4	27	1048	
HPP600R160PC-G*	TO-220AB		20	0.12	0.16	2	4	45	1882	
HPA600R160PC-G*	TO-220F		20	0.12	0.16	2	4	45	1882	
HPW600R160PC-G*	TO-3P(N)		20	0.12	0.16	2	4	45	1882	
HPI600R160PC-G*	TO-262		20	0.12	0.16	2	4	45	1882	
HPB600R160PC-G*	TO-263		20	0.12	0.16	2	4	45	1882	
HPF600R160PC-G*	TO-247		20	0.12	0.16	2	4	45	1882	
HPA600R120PC-G*	TO-220F		30	0.1	0.12	2	4			
HPF600R120PC-G*	TO-247		30	0.1	0.12	2	4			
HPU650R2K8DN	TO-251		650	4	2.5	2.8	2	4	11.5	575
HPD650R2K8DN	TO-252			4	2.5	2.8	2	4	11.5	575
HPA650R2K8DN	TO-220F			4	2.5	2.8	2	4	11.5	575
HPU650R1K9DN	TO-251			5	1.7	1.9	2	4	13.36	800
HPD650R1K9DN	TO-252			5	1.7	1.9	2	4	13.36	800
HPA650R1K9DN	TO-220F	5		1.7	1.9	2	4	13.36	800	
HPU650R840MB	TO-251	5.5		0.76	0.84	2	4	9.5	357	
HPD650R840MB	TO-252	5.5		0.76	0.84	2	4	9.5	357	
HPA650R840MB	TO-220F	5.5		0.76	0.84	2	4	9.5	357	
HPU650R1K3DN	TO-251	6		1.1	1.3	2	4	16.6	1063	
HPD650R1K3DN	TO-252	6		1.1	1.3	2	4	16.6	1063	
HPP650R1K3DN	TO-220AB	6		1.1	1.3	2	4	16.6	1063	
HPA650R1K3DN	TO-220F	6		1.1	1.3	2	4	16.6	1063	
HPU650R1K1DN	TO-251	7		0.9	1.1	2	4	21.28	1420	

*表示即将推出新品



MOSFET/高压/Super Junction MOSFET

Part Number	Package	V _{DS} (V)	I _D (A)	R _{DS(ON)} at V _{GS} =10V		V _{GS(TH)}		Q _g	C _{iss}
				TYP(Ω)	MAX(Ω)	Min (V)	Max (V)	Typ (nC)	Typ (pF)
				650					
HPD650R1K1DN	TO-252	7	7	0.9	1.1	2	4	21.28	1420
HPP650R1K1DN	TO-220AB	7	7	0.9	1.1	2	4	21.28	1420
HPA650R1K1DN	TO-220F	7	7	0.9	1.1	2	4	21.28	1420
HPU650R650PC-G*	TO-251	8	8	0.55	0.65	2	4	15	486
HPD650R650PC-G*	TO-252	8	8	0.55	0.65	2	4	15	486
HPA650R650PC-G*	TO-220F	8	8	0.55	0.65	2	4	15	486
HPU650R900DN	TO-251	10	10	0.75	0.9	2	4	21.48	1525
HPD650R900DN	TO-252	10	10	0.75	0.9	2	4	21.48	1525
HPA650R900DN	TO-220F	10	10	0.75	0.9	2	4	21.48	1525
HPU650R420PC-G*	TO-251	11	11	0.37	0.42	2	4	19.7	715
HPD650R420PC-G*	TO-252	11	11	0.37	0.42	2	4	19.7	715
HPP650R420PC-G*	TO-220AB	11	11	0.37	0.42	2	4	19.7	715
HPA650R420PC-G*	TO-220F	11	11	0.37	0.42	2	4	19.7	715
HPU650R300PC-G*	TO-251	15	15	0.25		2	4		
HPD650R300PC-G*	TO-252	15	15	0.25		2	4		
HPA650R300PC-G*	TO-220AB	15	15	0.25		2	4		
HPA650R700DN	TO-220F	12	20	0.58	0.7	2	4	32	1861
HPP650R190PC-G*	TO-220AB	20	20	0.13	0.19	2	4	45	1882
HPA650R190PC-G*	TO-220F	20	20	0.13	0.19	2	4	45	1882
HPW650R190PC-G*	TO-3P(N)	20	20	0.13	0.19	2	4	45	1882
HPF650R190PC-G*	TO-247	20	20	0.13	0.19	2	4	45	1882
HPA650R099PF-G*	TO-220F	40	40	0.085	0.099	2.5	4.5	70	3040
HPW650R099PF-G*	TO-3P(N)	40	40	0.085	0.099	2.5	4.5	70	3040
HPF650R099PF-G*	TO-247	40	40	0.085	0.099	2.5	4.5	70	3040
HPF650R057PF-G*	TO-247	50	65	0.05	0.057	2.5	4.5		
HPF650R041PF-G*	TO-247	65	65	0.036	0.041	2.5	4.5		
700									
HPN700R1K4MD	SOT-223	4.5	4.5	1.06	1.4	2	4	11.6	299
HPU700R1K4MD	TO-251	4.5	4.5	1.06	1.4	2	4	11.6	299
HPD700R1K4MD	TO-252	4.5	4.5	1.06	1.4	2	4	11.6	299
HPU700R950MC	TO-251	5.5	5.5	0.85	0.95	2	4	16	440
HPD700R950MC	TO-252	5.5	5.5	0.85	0.95	2	4	16	440
HPA700R950MC	TO-220F	5.5	5.5	0.85	0.95	2	4	16	440
HPU700R700PC-G	TO-251	8	8	0.63	0.7	2	4	15	486
HPD700R700PC-G	TO-252	8	8	0.63	0.7	2	4	15	486
HPA700R700PC-G	TO-220F	8	8	0.63	0.7	2	4	15	486
HPU700R450PC-G	TO-251	11	11	0.41	0.45	2	4	19.7	715
HPD700R450PC-G	TO-252	11	11	0.41	0.45	2	4	19.7	715
HPA700R450PC-G	TO-220F	11	11	0.41	0.45	2	4	19.7	715
HPU700R320PC-G*	TO-251	15	15	0.28		2	4		
HPD700R320PC-G*	TO-252	15	15	0.28		2	4		
HPA700R320PC-G*	TO-220F	15	15	0.28		2	4		

MOSFET/低压/Planar MOSFET

Part Number	Package	V _{DS} (V)	I _D (A)	R _{DS(ON)} at V _{GS} =10V		V _{GS(TH)}		Q _g	C _{iss}
				TYP(Ω)	MAX(Ω)	Min (V)	Max (V)	Typ (nC)	Typ (pF)
				CS140A8	TO-220AB	45	202	3.5m	4.5m
CS3205B8	TO-220AB	55	120	7.6m	8.5m	2	4	74	4395
CS60N06A8H	TO-220AB	60	65	13m	16m	2	4	40	2200
CS540A8	TO-220AB	100	33	30m	44m	2	4	37	2700
CS540B8	TO-220AB		33	43m	48m	2	4	48	1614
CS3710B8	TO-220AB		57	14m	23m	2	4	72	4563

*表示即将推出新品



MOSFET/低压/Trench MOSFET

Part Number	Package	V _{DS} (V)	I _D (A)	R _{DS(ON)} at V _{GS} =10V		V _{GS(TH)}		Q _g	C _{iss}	
				TYP(Ω)	MAX(Ω)	Min	Max	Typ	Typ	
						(V)	(V)	(nC)	(pF)	
CS3P02AS	SOT-23	-20	-3	63m	80m	-0.45	-1	8.6	334	
CS6N02BS*	SOT-23	20	6			0.45	1	17.8	479	
CS6N02AE*	SOP8		6			0.45	1	20.4	783	
CS4P03AS	SOT-23	-30	-4	47m	60m	-0.5	-1.5	12.9	585	
CS4P03AE-1	SOP8-DUAL		-4	53m	66m	-1	-3	8.7	417	
CS4P03BS	SOT-23		-4	53m	66m	-1	-3	8.7	417	
CS9P03AE	SOP8		-9	23m	30m	-1	-3	27	1226	
CS11P03AE-G*	SOP8		-11	14.5m	18m	-1.5	-3			
CS12P03AE	SOP-8		-12	10m	13m	-1	-3	50.3	2478	
CS33P03AQ4-G	PDFN3.3*3.3		-33	14.5m	18m	-1.5	-3			
CS40P03A3	TO-251		-40	13.5m	18m	-1.5	-3			
CS40P03A4	TO-252		-40	13.5m	18m	-1.5	-3			
CS12P03A4	TO-252		-50	10m	13m	-1	-3	50.3	2478	
CS80P03A8	TO-220AB	-80	5m	6.5m	-1	-3				
CS5N03AS	SOT-23	30	5	24.4m	32m	0.6	1.5	12.4	506	
CS8N03AE-1	SOP8-DUAL		6	16m	20m	1	3	11.9	613	
CS7N03AE-1	SOP8		7	17m	24m	1.8	2.8	14	625	
CS13N03AE	SOP-8		13	7.7m	9.6m	1	2	22	1044	
CS21N03AQ2-1	DFN3*3		21	17m	21m	1.8	2.8	13	590	
*	DFN3*3		24	8m	10m	1	2.5			
CS31N03A4	TO-252		31	13m	17m	1.8	2.8	13	590	
CS80N03B4	TO-252		80	4.5m	5.6m	1	2	44	2106	
CS90N03A4	TO-252		90	3.6m	5.5m	1	2	53.5	2848	
CS90N03A8	TO-220AB		90	3.6m	5.5m	1	2	53.5	2848	
CS100N03B4-1	TO-252		100	4m	6m	1	2	52.8	2546	
*	DFN5*6		120	1.7m	2.2m	1	2.5			
CS150N03A8	TO-220AB		150	2.4m	3.5m	1	3	145.8	7901	
CS150N03B8	TO-220AB		150	3.4m	4.3m	1	3	101	5672	
CS15N04AEP-G	SOP-8		40	15	8m	13m	1.2	2	34.9	1920
CS60N04A3	TO-251			60	8.5m	13m	1	2	37.5	1920
CS60N04A4	TO-252			60	8.5m	13m	1	2	37.5	1920
CS140N04A4	TO-252			140	2.6m	3.2m	1	3	119	5913
CS140N04A8	TO-220AB	140		2.6m	3.2m	1	3	119	5913	
CS150N04A8	TO-220AB	130		3.6m	5m	2	4	160	8900	
CS250N04A8	TO-220AB	250		1.9m	2.4m	2	4	144.5	6246	
CS300N04A8	TO-220AB	300		1.6m	2m	1	3	211	13200	
CS8N05AEP-G	SOP-8	45	8	15m	23m	1.2	2	21.8	1282	
CS12N05AEP-G	SOP-8		12	11m	15m	1.2	2	33.1	1920	
CS25N05A3	TO-251		25	17m	23m	1	2	21.8	1283	
CS40N05A3	TO-251		40	11m	15m	1.2	2	33.1	1920	
CS90N045A3	TO-251		90	6m	7.5m	0.85	1.95	51.1	2330	
CS3N06AS-G	SOT-23	60	3	75m	105m	0.8	2	7.8	282	
CS3N06AE-G	SOP-8		3	75m	105m	0.8	2	7.8	282	
CS5N06AE-1*	SOP8		5	36m	45m	1.7	2.8			
CS10N06AEDP-G	SOP-8		10	13m	22m	1.1	2.1	38.8	1940	
CS10N06A4	TO-252		10	75m	105m	0.8	2	7.8	282	
CS12N06AE-G	SOP-8		12	10.5m	13.5m	0.9	1.9	50.7	2370	
CS14N06AQ2-1	DFN3*3		14	36m	45m	1.8	2.8	86.2	4882	
CS14N06AE-G	SOP-8		14	7.2m	10m	1	2	69.9	3219	
CS16N06AE-G	SOP-8		16	7.5m	10m	1	2	88.8	4398	
CS16N06AE-G-1	SOP-8		16	7.5m	10m	1	2	88	4398	
CS21N06A3*	TO-251		21	36m	45m	1.7	2.8			
CS45N06A4*	TO-252		45	12m	16m	1	2.2		1904	
CS45N06A3D	TO-251		45	13m	22m	1.1	2.1	38.8	1904	
CS60N06B8-1	TO-220AB		55	8m	10m	2	4	57	4050	
CS55N06A3	TO-251		55	10m	13m	0.9	1.9	50.7	2370	
CS55N06AQ3-G	PDFN5x6		55	11m	14m	0.9	1.9	50.7	2370	

*表示即将推出新品



MOSFET/低压/Trench MOSFET

Part Number	Package	V _{DS} (V)	I _D (A)	R _{DS(ON)} at V _{GS} =10V		V _{GS(TH)}		Q _g	C _{iss}	
				TYP(Ω)	MAX(Ω)	Min	Max	Typ	Typ	
						(V)	(V)	(nC)	(pF)	
CS60N06AQ3	PDFN5x6	60	60	7m	10m	1	3	88.8	4398	
CS70N06A3	TO-251		70	7.2m	10m	1	2	69.9	3219	
CS80N06A8	TO-220AB		80	9.7m	13m	2	4	42.7	2130	
CS100N06D3	TO-251		100	6.5m	10m	1	3	88.8	4398	
CS100N06D4	TO-252		100	6.5m	10m	1	3	88.8	4398	
CS100N06D8	TO-220AB		100	6.5m	10m	1	3	88.8	4398	
CS100N06D8-1*	TO-220AB		100	6.5m	10m	1	3			
CS100N06A8	TO-220AB		100	6.9m	8.5m	2	4	73	3348	
CS105N06A8	TO-220AB		105	6.3m	8m	2	4	81	4040	
CS110N06A8	TO-220AB		110	6m	8m	2	4	100	4662	
CS120N06A0	TO-263		120	4.4m	6m	2	4	76.7	3238	
CS120N06A8	TO-220AB		120	4.4m	6m	2	4	76.7	3238	
CS120N06C8	TO-220AB		120	5.4m	6.5m	2	4	58	2968	
CS180N06A8	TO-220AB		140	3.2m	4m	2	4	86.2	4882	
CS180N06A0	TO-263		180	3.2m	4m	2	4	86.2	4882	
CS150N06B8	TO-220AB		150	3.1m	4.5m	2	4	110	4500	
CS160N06A8	TO-220AB		160	2.4m	3.5m	2	4	143.5	6199	
CS210N06A8	TO-220AB		210	2m	2.6m	2	4	191	7843	
CS230N06B8	TO-220AB		230	3m	3.6m	2	4	98.4	5681	
CS230N06B0	TO-263		230	3m	3.6m	2	4	98.4	5681	
CS260N06A8	TO-220AB		260	2.5m	3m	2	4			
CS260N06A0	TO-263		260	2.5m	3m	2	4			
CS37N06AQ4-G*	DFN3*3		65	50	13m	17m	1	2.5		
CS50N065A3	TO-251			50	13m	17m	1	2.5		
CS80N07A4	TO-252		70	80	6.5m	7.9m	2	4	50.7	2595
CS80N07A8	TO-220AB	80		6.5m	7.9m	2	4	50.7	2595	
CS80N07AR	TO-262	80		6.5m	7.9m	2	4	50.7	2595	
CS80N07A0	TO-263	80		6.5m	7.9m	2	4	50.7	2595	
CS75N08A8	TO-220AB	80	75	8.7m	11m	2	4	72	3712	
CS100N08C8	TO-220AB		100	6.5m	8.1m	2	4	58.2	3084	
CS100N08B8	TO-220AB		100	6.9m	9m	2	4	77	3905	
CS105N08A8	TO-220AB		105	6.2m	8m	2	4	78	3347	
CS105N08B8	TO-220AB		105	6.3m	8m	2	4	61	3018	
CS120N08C8	TO-220AB		120	4.4m	6m	2	4	104	4643	
CS180N08A8	TO-220AB		180	2.6m	3.3m	2	4	174	7895	
CS51N08FA9	TO-220F		85	51	6m	7.5m	2	4		
CS100N08AR	TO-262	100		6.6m	8.5m	2	4	59.8	3564	
CS100N08A0	TO-263	100		6.6m	8.5m	2	4	59.8	3564	
CS100N08A8	TO-220AB	100		6.6m	8.5m	2	4	59.8	3564	
CS120N08AR	TO-262	120		6m	7.5m	2	4	74.4	4572	
CS120N08A0	TO-263	120		6m	7.5m	2	4	74.4	4572	
CS120N08A8	TO-220AB	120		6m	7.5m	2	4	74.4	4572	
CS140N08AR	TO-262	140		4.8m	6m	2	4	87.5	4949	
CS140N08A0	TO-263	140		4.8m	6m	2	4	87.5	4949	
CS140N08A8	TO-220AB	140		4.8m	6m	2	4	87.5	4949	
CS100N09A8	TO-220AB	97	100	6m	8m	2	4	115	4682	
CS80N10A8	TO-220AB		80	10.5m	14m	1.5	2.5	114	5111	
CS2N10AS-G	SOT-23		1.5	170m	220m	1.2	2.4	9.4	392	
CS4N10AE-1	SOP-8		4	113m	150m	1.8	2.9	11.5	557	
CS7N10AQ2-1	DFN3x3		7	113m	150m	1.8	2.9	11.5	557	
CS14N10A3	TO-251		14	113m	150m	1.8	2.9	11.5	557	
CS14N10A4	TO-252		14	113m	150m	1.8	2.9	11.5	557	
CS17N10A3*	TO-251		17	56m	70m	1	2.5			
CS17N10A4*	TO-252		17	56m	70m	1	2.5			
CS19N10A8*	TO-220AB		19	56m	70m	1	2.5			
CS25N10A4	TO-252	25	29.1m	37m	1	2	60	2475		
CS25N10A0	TO-263	25	29.1m	37m	1	2	60	2475		

*表示即将推出新品



MOSFET/低压/Trench MOSFET

Part Number	Package	V _{DS} (V)	I _D (A)	R _{DS(ON)} at V _{GS} =10V		V _{GS(TH)}		Q _g	C _{iss}	
				TYP(Ω)	MAX(Ω)	Min (V)	Max (V)	Typ (nC)	Typ (pF)	
				CS25N10BQ3	PDFN5*6	100	25	32m	40m	1
*	PDFN5*6	44	15m	19m	1		3			
CS45N10FB9*	TO-220F	45	6.2m	8m	2		4			
CS45N10FA9*	TO-220F	45	7.5m	9.5m	2		4	108	5267	
CS55N10AQ3-G	PDFN5*6	55	15m	19m	1		3	112.65	5401	
CS55N10A4	TO-252	55	15m	19m	1		3	112.65	5401	
CS70N10A8	TO-220AB	70	14m	17.5m	2		4	86	4564	
CS88N10A3	TO-251	88	9m	12m	2		4	72.8	3302	
CS88N10A8	TO-220AB	88	8.8m	12m	2		4	72.8	3302	
CS100N10A8	TO-220AB	100	6.4m	8m	2		4	102	4727	
CS120N10A8	TO-220AB	120	7.5m	9.5m	2		4	108	5267	
CS120N10AR	TO-262	120	7.5m	9.5m	2		4	108	5267	
CS120N10A0	TO-263	120	7.5m	9.5m	2		4	108	5267	
CS130N10A8*	TO-220AB	130	4.8m	6.8m	2		4	158	6800	
CS130N10A0	TO-263	130	4.8m	6.8m	2		4	158	6800	
CS170N10A8	TO-220AB	170	3.9m	4.8m	2		4	173.2	7897	
CS180N10A8	TO-220AB	180	3.7m	4.5m	2		4			
CS50N12A3	TO-251	120	50	15.5m	20.5m		1	2.5		
CS50N12A4	TO-252		50	15.5m	20.5m		1	2.5		
CS2N15AE-1	SOP-8	150	2	230m	300m		1.7	2.8	11.6	550
CS10N15A3	TO-251		10	230m	300m	1.7	2.8	11.6	550	
CS10N15A4	TO-252		10	230m	300m	1.7	2.8	11.6	550	
CS105N15A8	TO-220AB		105	10m	12m	3	5			
CS130N20A8	TO-220AB	200	130	9m	11m	3	5			

MOSFET/低压/Split Gate Trench MOSFET

Part Number	Package	V _{DS} (V)	I _D (A)	R _{DS(ON)} at V _{GS} =10V		V _{GS(TH)}		Q _g	C _{iss}
				TYP(Ω)	MAX(Ω)	Min (V)	Max (V)	Typ (nC)	Typ (pF)
				HGQ018N03A*	PDFN5*6	30	100	1.4m	1.85m
HGU032N03A	TO-251	95	2.6m	3.2m	1		2.5		
HGD032N03A	TO-252	95	2.6m	3.2m	1		2.5		
HGD028N03A*	TO-252				1		2.5		
HGP028N03A*	TO-220AB				1		2.5		
HGQ022N03A	PDFN5*6	140	1.6m	2.2m	1		2.5	52.5	2758
*	PDFN5*6	150	0.9m	1.1m	1		2.5		
HGQ014N04A	PDFN5*6	150	1.1m	1.4m	1		2.5		
HGU10N04A	TO-251	50	8.8m	10.8m	1		2		
HGD10N04A	TO-252	50	8.8m	10.8m	1		2		
HGQ024N04A	PDFN5*6	40	100	1.8m	2.4m	1	2.5	63.4	3020
HGP028N04A	TO-220AB		150	2.0m	2.8m	1	2.5	63.4	3020
HGB028N04A	TO-263		150	2.2m	2.8m	1	2.5	63.4	3020
HGD032N04A	TO-252		150	2.2m	2.8m	1	2.5		
HGE055NE4A	SOP8		18	4.4m	5.5m	1	2.5	24	1156
HGQ065NE4A	PDFN5*6	45	60	5.2m	6.5m	1	2.5	25.5	1107
HGU065NE4A	TO-251		60	5.2m	6.5m	1	2.5	25.5	1107
HGD065NE4A	TO-252		60	5.2m	6.5m	1	2.5	25.5	1107
HGP065NE4A	TO-220AB		60	5.2m	6.5m	1	2.5	25.5	1107
HGE090N06A	SOP-8		14	8.5m	9.8m	1	2.5	18	1126
HGQ09N06A	PDFN5*6	60	50	7.9m	9.8m	1	2.5	18	1126
HGU09N06A-G	TO-251		55	8.1m	9.8m	1	2.5	18	1126
HGD09N06A-G	TO-252		55	8.1m	9.8m	1	2.5	18	1126

*表示即将推出新品



MOSFET/Depletion Mode MOSFET

Part Number	Package	V _{DS} (V)	I _D (A)	R _{DS(ON)} at V _{GS} =0V		V _{GS(OFF)}		Q _g Typ (nC)	C _{iss} Typ (pF)
				TYP(Ω)	MAX(Ω)	Min (V)	Max (V)		
				CS1N15ASFD	SOT-23	150	0.2		
CSF501D	SOT-23	600	0.03	400	700	-2.7	-1	1.14	50
F601D-G*	SOT-23		0.03		700	-2.7	-1		

绝缘栅双极型晶体管/Insulated-Gate Bipolar Transistor

Part Number	Package	V _{CE(S)} (V)	I _C (A)	V _{CE(sat)} at 25°C	V _{GE(TH)}		Series
				Max(V)	Min (V)	Max (V)	
				BT8T60 A8F	TO-220AB	600	
BT15T60A8F	TO-220AB	15	2.4	4.5	7		Trench FS
BT15T60 A9F	TO-220F	15	2.4	4.5	7		Trench FS
BT40T60ANF	TO-3P(N)	40	2.3	4	7		Trench FS
BT40T60ANFK	TO-3P(N)	40	2.5	4	7		Trench FS
BT50T60 ANFK	TO-3P(N)	50	2.5	4	7		Trench FS
BT15T120CNR	TO-3P(N)	1200	15	2.5	4.5	7.5	Trench FS-RC
BT25T120CKE	TO-247		25	2.4	4.5	7.5	Trench FS
BT25T120 CKD	TO-247		25	2.5	4.5	7.5	Trench FS
BT25T120CKR	TO-247		25	2.5	4.5	7.5	Trench FS-RC
BT40T120 CKF	TO-247		40	2.4	4.5	7.5	Trench FS
GMF50T120FSC	34MM模块		50	2.6	4.5	7.5	Trench FS

双极型晶体管/电光源用功率晶体管 (Power Transistors for Electronic Lighting)

Part Number	Package	I _C (A)	V _{CB0} (V)	V _{CEO} (V)	P _{tot}	h _{FE}		t _s		
					P _{Tc} / P _{Ta} (W)	Min	Max	Min (μs)	Max (μs)	
					3DD13001P	TO-92	0.17	600	400	/0.6
3DD13001P1	TO-92	0.2	600	400	/0.6	15	25	1.5	3	
3DG44AS-H	SOT-23	0.3	500	400	/0.35	50	200			
3DG44	TO-92		500	400	/0.625	50	200			
3DG2482S	TO-92	0.35	600	400	/0.8	15	25	0.8	2.2	
3DD13002B1D	TO-92	0.5	600	400	/0.8	15	25	1.5	3.5	
3DD13002B1	TO-92	0.8	600	400	/0.8	15	25	2.5	4.5	
3DD13002RUD	SOT-89S	1	350	200	/0.5	15	30	1.5	3.5	
3DD13002R1D	TO-92		350	200	/0.7	15	30	1.5	3.5	
3DD4013A1D	TO-92	1.3	600	400	/0.8	15	25	1.5	2.5	
3DD13003E1D	TO-92		600	400	/0.8	15	25	2	5	
3DD4013A6D	TO-126		600	400	40/0.8	15	25	1.5	2.5	
3DD13003E6D	TO-126		600	400	40/0.8	15	25	2	5	
3DD4013B1D	TO-92		700	400	/0.8	15	25	2	4	
3DD4013A1D-R	TO-92		700	400	/0.8	15	25	1.5	3.5	
3DD4013B6D	TO-126		700	400	40/0.8	15	25	2	4	
3DD4013A6D-R	TO-126		700	400	40/1.25	15	25	1.5	3.5	
3DD13003SUD	SOT-89S		1.5	350	200	/0.5	15	30	1.5	3.5
3DD13003VUD	SOT-89S			350	200	/0.5	15	30	2.3	2.3
3DD13003S1D	TO-92	350		200	/0.8	15	30	1.5	3.5	
3DD13003V1D	TO-92	350		200	/0.8	15	30	2.3	4.3	
3DD13003F1D	TO-92	600		400	/0.8	15	25	3	5	
3DD13003F3D	TO-251	600		400	30/1.15	15	25	2.5	4.5	
3DD13003F6D	TO-126	600	400	50/1.25	15	25	3	5		
3DD13003U1D	TO-92	1.8	350	200	/0.8	15	30	2.5	4.5	
3DD13003U3D	TO-251		350	200	30/1	15	30	2.5	4.5	
3DD13003U6D	TO-126		350	200	35/1.25	15	30	2.5	4.5	
3DD13003H1D	TO-92		600	400	/0.8	15	25	2	5	
3DD13003H3D	TO-251		600	400	35/1.15	15	25	2	5	
3DD13003H6D	TO-126		600	400	50/1.25	15	25	2	5	

*表示即将推出新品



双极型晶体管/电光源用功率晶体管 (Power Transistors for Electronic Lighting)

Part Number	Package	I _c (A)	V _{CBO} (V)	V _{CEO} (V)	P _{tot}	h _{FE}		t _s	
					P _{Tc} / P _{Ta}	Min	Max	Min	Max
					(W)			(μs)	(μs)
3DD13003W1D	TO-92	2	350	200	/0.8	15	30	2.5	4.5
3DD13003W3D	TO-251		350	200	35/1	15	30	2.5	4.5
3DD13003W6D	TO-126		350	200	40/1.25	15	30	2.5	4.5
3DD13003M6D	TO-126		700	400	50/1.25	15	25	2	4
3DD13003M8D	TO-220AB		700	400	60/1.5	15	25	2	4
3DD741A8	TO-220AB		1050	400	50/2	48	100	0.8	1.8
3DD13005B3D	TO-251	2.5	700	400	50/1.25	15	25	2.5	4.5
3DD127D	TO-126F		700	400	50/1.25	15	25	3	5
3DD128FH3D	TO-251	3.5	350	200	40/1.3	15	30	2	4
3DD128FH6D	TO-126		350	200	50/1.5	15	30	2	4
3DD128FH5D	TO-126A		350	200	50/1.5	15	30	2	4
3DD128A8D	TO-220	4	350	200	60/2	15	25	2.2	4
3DD13005C3D	TO-251		700	400	40/1.15	20	30	2	4
3DD13005G3D	TO-251		700	400	40/1.15	20	30	2	4
3DD13005G7D	TO-126F		700	400	50/1.25	15	30	2	4
3DD13005C7D	TO-126F		700	400	50/1.5	20	30	2	4
3DD13005N7D	TO-126F		700	400	60/1.5	15	30	2	4
3DD13005N8D	TO-220AB		700	400	75/2	15	30	2	4
3DD13005C8D	TO-220AB		700	400	75/2	20	30	2	4
3DD13005G8D	TO-220AB		700	400	75/2	20	30	2	4
3DD4550A4	TO-252		5	1050	450	40/1.2	48	100	2
3DD742A8	TO-220AB	1050		400	70/2	48	100	2	3
3DD13007Z7	TO-126F	8	350	200	50/1.5	15	25	2	4
3DD13007Z8	TO-220AB		350	200	75/2	15	25	2	4
3DD13007B8	TO-220AB		700	400	80/2	20	30	3	5
3DD13009C8	TO-220AB	9	700	400	100/2	20	30	4	6
3DD13009X8	TO-220AB	12	350	200	/2	15	25	2.5	3.5

双极型晶体管/开关电源用功率晶体管 (Power Transistors for Switching Power Supply)

Part Number	Package	I _c (A)	V _{CBO} (V)	V _{CEO} (V)	P _{tot}	h _{FE}		t _s	
					P _{Tc} / P _{Ta}	Min	Max	Min	Max
					(W)			(μs)	(μs)
3DG40005AS-H	SOT-23	0.05	500	400		50	200		
3DD13002B1-H/7	TO-92	0.5	700	450	/0.8	15	35	2	4
T2095-H	TO-92	0.8	750	450	/0.8	20	33	0.3	2
3DG3001A1-H	TO-92		900	450	/0.8	20	35	2	5
3DD4513A1D	TO-92	1.3	800	450	/0.8	20	30	2	5
3DD4513A6D	TO-126		800	450	40/1.25	20	30	2	5
3DD4515A23	SOT-223	1.5	800	450	/0.8	20	35	2	5
3DD4515A1	TO-92		800	450	/0.8	20	35	2	5
3DD4515A3	TO-251		800	450	30/1.1	20	35	2	5
3DD4515A6	TO-126		800	450	40/1.25	20	35	2	5
3DD4518A1D	TO-92	1.8	800	450	/0.8	20	35	2.5	4.5
3DD4518A3D	TO-251		800	450	35/1.25	20	35	2.5	4.5
3DD4518A6D	TO-126		800	450	40/1.25	20	35	2.5	4.5
3DD4020A1D	TO-92	2	680	380	50/1.25	20	30	2	3
3DD4020A6D	TO-126		680	380	50/1.25	20	30	2	3
3DD3040A6	TO-126		700	450	/1.3	20	40	2	5
3DD4520A3	TO-251		800	450	35/1.25	20	35	2	5
3DD4520A4	TO-252		800	450	35/1.25	20	35	2	5
3DD4520A6	TO-126		800	450	50/1.25	20	35	2	5
3DD13005B3	TO-251	2.5	700	400	/1.25	20	35	2.5	4.5
3DD13005B5	TO-126A		700	400	/1.25	20	35	2.5	4.5
3DD13005F8-1	TO-220		700	400	/1.25	20	35	2.5	4.5
3DD13005F9-1	TO-220F		700	400	/1.25	20	35	2.5	4.5

*表示即将推出新品



双极型晶体管/开关电源用功率晶体管 (Power Transistors for Switching Power Supply)

Part Number	Package	I _c (A)	V _{CBO} (V)	V _{CEO} (V)	P _{tot}	h _{FE}		t _s	
					P _{Tc} / P _{Ta} (W)	Min	Max	Min (μs)	Max (μs)
3DD13005A1	TO-92	3.0	800	400	/0.8	15	25	2	5
3DD13005A3	TO-251		800	400	40/1.5	15	25	2	5
3DD4050A5D	TO-126A	4	690	365	75/2	20	35	2	3
3DD4050A8D	TO-220AB		690	365	75/2	20	35	2	3
3DD13005G3D	TO-251		700	400	40/1.15	20	30	2	4
3DD4540A3	TO-251		700	400	40/1.15	20	30	2	4
3DD13005G7D	TO-126F		700	400	50/1.25	15	30	2	4
3DD4540A7	TO-126F		700	400	50/1.25	20	30	2	4
3DD4540A9	TO-220F		700	400	75/2	20	30	2	4
3DD6802A7D	TO-126F		800	450	50/1.25	20	40	1.5	3
3DD6802A9D	TO-220F		800	450	75/2	20	40	1.5	3
3DD13005F7	TO-126F		6	700	400	65/1.5	15	30	2
BU406B8	TO-220AB	7	300	100	/2	50	90	2	
BU406	TO-220AB		400	200	/2	50	90	2	
3DD13007Y8	TO-220AB		520	340	/2	20	40	3	5
3DD13007X1	TO-220	8	700	400	/2	20	35	3	6
3DD13009A8	TO-220AB	12	700	400	/2	20	35	4	7
3DD13009AN	TO-3P(N)		700	400	/3	20	35	4	7
3DD13009B8	TO-220AB	13	700	400	/2	20	35	4	7
3DD13012A8	TO-220AB	15	700	400	/2	20	35	2	7
3DD13012AN	TO-3P(N)		700	400	/3	20	35	2	7

功率二极管/肖特基二极管 (Trench Schottky Barrier Diode)

Part Number	Package	V _{RRM} (V)	I _F (A)	V _F	I _R	Top Metal	Series
				Max (V)	Max (uA)		
M2CZ02C30A	Wafer	30	0.1	0.6	1.5@25V	AL	PMBS
M2CZ02C30CLJ	Wafer		0.1	0.6	1.5@25V	AL	PMBS
M2CZ02T30ALJ15	Wafer		0.2	0.5	100	AL	PMBS
M2CZ02C30E	Wafer		0.2	0.55	2	AL	PMBS
M2CZ02C30B15	Wafer		0.2	0.6	1@10V	AL	PMBS
M2CZ02C30B	Wafer		0.2	0.6	1@10V	AL	PMBS
2CZ20R45A0S	TO-263	40	10*2	0.55	100		PMBS
2CZ20R45A8S	TO-220AB		10*2	0.55	100		PMBS
2CZ20R45A9S	TO-220F		10*2	0.55	100		PMBS
M2CZ20R40AS	Wafer		10*2	0.55	100		PMBS
MD045P044AY	Wafer	45	2	0.45	80	Ag	Low-Vf
MD045P058AY	Wafer		3	0.45	100	Ag	Low-Vf
MD045P072AY	Wafer		5	0.45	120	Ag	Low-Vf
MD045P085AY	Wafer		8	0.475	150	Ag	Low-Vf
MD045P100AL	Wafer		10	0.45	150	AL	Low-Vf
MD045P100AY	Wafer		10	0.45	150	Ag	Low-Vf
MD04510AL	Wafer		10	0.45	150	AL	Low-Vf
MD04510BY	Wafer		10	0.45	150	Ag	Low-Vf
2CZ2545A9	TO-220F		12.5*2	0.63	50		PMBS
M2CZ15S45BL	Wafer		15	0.63	50	AL	PMBS
2CZ15S45A0	TO-263		15	0.5	150		PMBS
M2CZ15S45E	Wafer		15	0.5	150	Ag	PMBS
TMBS10A45	Wafer		15	460	100	Ag	TMBS
2CT15T45A0	TO-263		15	500	100		TMBS
MT045T130AL	Wafer		15	500	100	AL	TMBS
2CZ30S45A8	TO-220AB		15*2	0.63	50		PMBS
2CZ30S45A9	TO-220F		15*2	0.63	50		PMBS
2CZ30S45AN	TO-3P(N)		15*2	0.63	50		PMBS
MT045T150AY	Wafer		20	460	100	Ag	TMBS
2CT20T45A0	TO-263		20	500	100		TMBS

*表示即将推出新品



功率二极管/肖特基二极管 (Trench Schottky Barrier Diode)

Part Number	Package	V _{RRM} (V)	I _F (A)	V _F	I _R	Top Metal	Series	
				Max (V)	Max (uA)			
MT045T150AL	Wafer	45	20	500	100	AL	TMBS	
MD060P044AY	Wafer	60	2	0.5	100	Ag	Low-Vf	
MD060P058AY	Wafer		3	0.5	100	Ag	Low-Vf	
MD060P072AY	Wafer		5	0.5	120	Ag	Low-Vf	
M2CZ8S60BL	Wafer		7.5	0.75	50	AL	PMBS	
2CZ1560A9	TO-220F		7.5*2	0.75	50		PMBS	
MD060P085AY	Wafer		8	0.5	150	Ag	Low-Vf	
MD060P085AL	Wafer		8	0.53	150	AL	Low-Vf	
MD060P100AL	Wafer		10	0.52	150	AL	Low-Vf	
2CZ2060A9	TO-220F		10*2	0.8	50		PMBS	
MD06010AY	Wafer		15	0.52	150	Ag	Low-Vf	
MD060P118AL	Wafer		15	0.53	150	AL	Low-Vf	
MT100T075AY	Wafer		100	5	560	30	Ag	TMBS
M2CZ10S100BL	Wafer			10	0.85	50	AL	PMBS
2CZ10100A8	TO-220AB	10		0.85	50		PMBS	
2CZ10100A9	TO-220F	10		0.85	50		PMBS	
2CZ20100A8	TO-220AB	10*2		0.85	50		PMBS	
2CZ20100A9LC	TO-220F	10*2		0.85	50		PMBS	
M2CZ20S100AL	Wafer	10*2		0.85	50	AL	PMBS	
2CZ20100A4S	TO-252	10*2		0.85	50		PMBS	
2CZ20100A8S	TO-220AB	10*2		0.85	50		PMBS	
2CZ20100A9S	TO-220F	10*2		0.85	50		PMBS	
2CZ30S100B8	TO-220AB	15*2		0.85	50		PMBS	
2CZ30S100B9	TO-220F	15*2		0.85	50		PMBS	
2CZ30S100BN	TO-3P(N)	15*2		0.85	50		PMBS	
2CZ10150A9	TO-220F	150	5*2	0.9	50		PMBS	
M2CZ8S150BL	Wafer		10	0.9	50	AL	PMBS	
2CZ20S150B4S	TO-252		10*2	0.9	50		PMBS	
2CZ20S150B0	TO-263		10*2	0.9	50		PMBS	
2CZ20S150B8	TO-220AB		10*2	0.9	50		PMBS	
2CZ20S150B9	TO-220F		10*2	0.9	50		PMBS	

功率二极管/快恢复二极管 (Fast Recovery Diode)

Part Number	Package	V _{RRM} (V)	I _F (A)	V _F	T _{rr}	Top Metal
				Max (V)	Max (ns)	
2CR122A8S	TO-220AB	200	6*2	1	35	
M2CR2K200AS	Wafer		6*2	1	35	AL
2CR162A8	TO-220AB		8*2	0.95	35	
M2CR08K2A	Wafer		8*2	0.95	35	AL
2CR162A8S	TO-220AB		8*2	0.975	35	
M2CR2K223AS	Wafer		8*2	0.975	35	AL
D92-02	TO-3P(N)		10*2	0.95	25	
M2CR10K2D	Wafer		10*2	0.95	25	AL
2CR202A8S	TO-220AB		10*2	1	35	
M2CR2K239AS	Wafer		10*2	1	35	AL
25U20	TO-3P(N)		12.5*2	0.95	25	
M2CR10K2C	Wafer		12.5*2	0.95	25	AL
2CR50K30AND	TO-3P(N)		300	25*2	1.1@IF=10A	35
MR30K133AL	Wafer	25*2		1.1@IF=10A	35	AL
2CR603AND	TO-3P(N)	30*2		1.5	50	
M2CR3K406A	Wafer	30*2		1.5	50	AL
2CR104B8C	TO-220AC	400	10	1.3	40	
M2CR4K240A	Wafer		10	1.3	40	AL
2CR40K40AND	TO-3P(N)		20*2	1.35@IF=10A	30	
MR40K118AL	Wafer		20*2	1.35@IF=10A	30	AL

*表示即将推出新品



功率二极管/快恢复二极管 (Fast Recovery Diode)

Part Number	Package	V _{RRM} (V)	I _F (A)	V _F	T _{rr}	Top Metal
				Max (V)	Max (ns)	
2CR80K40AND	TO-3P(N)	400	40*2	1.25@IF=10A	40	
MR40K158AL	Wafer		40*2	1.25@IF=10A	40	AL
M2CR6K185AY	Wafer	600	4	1.3	50	Ag
2CR086AC	TO-220AC		8	2.1	30	
M2CR6K215B	Wafer		8	2.1	30	AL
2CR106C8C	TO-220AC		10	1.5	45	
MR60K240CL	Wafer		10	1.5	45	AL
2CR106A8C	TO-220AC		10	1.6	50	
M2CR6K240A	Wafer		10	1.6	50	AL
MR60K094AY	Wafer		10	1.7	42	Ag
2CR106B8C	TO-220AC		10	2	35	
M2CR6K240B	Wafer		10	2	35	AL
2CR20K60A8C	TO-220AC		20	2	65	
MR60K118AL	Wafer		20	2	65	AL
2CR30K60A8C	TO-220AC		30	2.6	70	
2CR30K60AN	TO-3P(N)		30	2.6	70	
MR60K147AL	Wafer		30	2.6	70	AL
2CR60K60AND	TO-3P(N)		60	2.6	70	
2CR108A8C	TO-220AC	800	10	2	70	
M2CR8K280A	Wafer		10	2	70	AL
M2CR15K12A	Wafer	1200	15	1.5	310	AL
MR120K383AL	Wafer		20	3.2	70	AL
M2CR25K12A	Wafer		25	2.5	250	AL

功率二极管/齐纳二极管 (Zener Diode)

Part Number	Package	V _{Z range}		I _R		Z _{zt}	Z _{zk}
		at I _Z =5mA		Max	at V _R	at I _{ZT} =5mA	at I _{ZK} =0.5mA
		Min(V)	Max(V)	(uA)	(v)	Max(Ω)	Max(Ω)
MW047A032AJ	Wafer	4.61	4.79	0.5	1	70	800
MW051A032AJ	Wafer	5	5.2	0.5	1.5	50	500
MW056A032AJ	Wafer	5.49	5.71	0.1	2.5	30	200
MW062A032AJ	Wafer	6.08	6.32	0.1	3	10	100
MW068A032AJ	Wafer	6.66	6.94	0.1	3.5	8	60
MW091A032AJ	Wafer	8.92	9.28	0.1	6.8	10	60
MW120A032AJ	Wafer	11.76	12.24	0.1	9	20	80
MW150A032AJ	Wafer	14.7	15.3	0.1	11	30	80

开关晶体管/开关三极管

Part Number	Package	I _C (A)	V _{CBO} (V)	V _{CEO} (V)	P _{tot}	h _{FE}		ts
					P _{Ta} (W)	Min	Max	Max (μs)
M3DG3904	Wafer	0.3	60	40	0.225	100	300	0.2
M3CG3906	Wafer	0.3	-40	-40	0.225	100	300	0.225
M3DG2222	Wafer	0.6	75	40	0.225	100	300	0.225
M3CG2907	Wafer	0.6	-60	-60	0.225	100	300	0.225

开关晶体管/开关二极管

Part Number	Package	V _{RRM} (V)	I _F (A)	V _F	T _{rr}	Top Metal
				Max (V)	Max (ns)	
1N4148		105	0.2	1.5	4	
MR10J9AJ	Wafer	105	0.2	1.5	4	AL

*表示即将推出新品



AC-DC六级能效电源方案/方案IC列表

Part Number	Package	最大待机功耗	最大工作频率	工作模式	抖频	OVP/OLP/OC	合封	应用领域	合封MOS规格
		(mW)	(kHz)	(V)					
CR1513SA	SOP8	--	200	DCM&QR	×	√/×/×	√	SR(5V2A)	12mΩ/45V
CR1515SA	SOP8	--	200	DCM&QR	×	√/×/×	√	SR(5V3A)	8mΩ/45V
CS1213SM	SOP7	75	50	DCM&QR	√	√/√/√	√	PSR(5V2A)	650V/2A
CS1215DM	DIP8	75	50	DCM&QR	√	√/√/√	√	PSR(5V3A)	650V/4A

*表示即将推出新品