

Slkor®



电力电子解决方案
抢占万亿市场

深圳市萨科微科技有限公司
ShenZhen Sikormicro Technology Co.,Ltd.

☎ +86-755-2361 5795

☎ +86-755-8397 5897

✉ marketing@sikormicro.com

🌐 www.sikormicro.com

📍 24th Floor,Guangye building,Fuhua Road 110,Futian District,Shenzhen



Slkor®

萨科微 碳化硅专家

MOS IGBT FRD SCR ESD SiC Module IPM



— 韩国·釜山 —

Slkor®

01/02

公司介绍

韩国萨科微KOREA SLKOR电子有限公司成立于2005年，总部位于韩国釜山，专业从事功率元器件与模块的设计、生产和销售。技术骨干来自英飞凌、三菱、IR等同行业技术领先企业，在釜山的京仁工业区拥有先进的晶圆厂，主要生产MOS、FRD、SCR、IGBT、SiC Module等。2010年开始研发生产第三代半导体碳化硅SiC 元器件，其设计、工艺和性能居世界前列。萨科微SLKOR的MOS大量应用于锂电池保护板、智能扫地机器人、电子烟等行业。碳化硅SiC器件主要应用于能源互联网领域，应用行业有充电桩、新能源汽车、清洁能源发电、大功率开关电源和不同电源等，在军事和航天领域也有一定的应用。

深圳市萨科微科技有限公司是韩国萨科微电子的第二大股东，全校处理萨科微SLKOR电子在大中华区域的一切事宜。

COMPANY INTRODUCTION

KOREA SLKOR Electronics Co.,Ltd. from South Korea was founded in 2005 which headquarters is in Busan. Mainly focus on design, production and sales of power components and modules. Most of technological and talented persons worked for Infineon, Mitsubishi Group and IR before or other famous enterprises in the same industry. An advanced wafer factory was located in JingRen Industrial Zone for MOSFET, IGBT, FRD, SCR and service. From 2010, SLKOR started to study and develop the 3rd generation semiconductor, SiC SBD and SiC MOSFET, which the raw materials, technology and performance were forefront of the world. SiC component is mainly used in energy Internet area and cover charging pile, new energy vehicles, clean energy power generation, high switch power supply and UPS etc., and also in military and space field.

ShenZhen Sikormicro Technology Co.,Ltd. is the 2nd biggest shareholder and authorized to deal with anything that is related SLKOR business in GreaterChina.



WWW.SLKORMICRO.COM

萨科微 碳化硅专家

碳化硅场效应管 / SiC MOSFET-----	03
碳化硅肖特基二极管 / SiC SBD-----	03
场效应管 / MOSFET-----	04
超结场效应管 / Super Junction MOSFET-----	07
IGBT单管 / IGBT Discrete-----	08
IGBT/SiC模块 / IGBT/SiC Module-----	09
快恢复二极管 / Fast recovery diode-----	10
单向可控硅 / SCR-----	11
双向可控硅 / TRIACS -----	12
ESD / Electro-Static Discharge-----	12
主要产品应用 / Main product application-----	13
中国代理商 / China Agent-----	14

SLKOR
Korea
CONTENTS 目录

WWW.SLKORMICRO.COM

萨科微 碳化硅专家

碳化硅场效应管 /SiC MOSFET

Part Number	V _{DS} (V)	I _D @ T _C =25°C (A)	P _D @ T _C =25°C (W)	T _J (°C)	R _{DS(on)} @ T _J = 25°C V _{GS} =18V Typ. Max.	Package	
SL28N65A	650	28	165	175	120	156	TO-220
SL10N120A	1200	10	85	175	450	585	TO-247
SL14N120A	1200	14	108	175	280	364	TO-247
SL22N120A	1200	22	165	175	160	208	TO-247
SL36N120A	1200	36	262	175	80	117	TO-247
SL50N120A	1200	50	262	175	40	52	TO-247
SL3N170AP	170	3	35	175	1150	1500	TO-3PFM

碳化硅肖特基二极管 /SiC SBD

Part Number	V _{DS} (V)	I _F @ T _C =135°C (A)	P _D @ T _C =25°C (W)	Q _g (nC)	V _F (V)@ T _C =25°C Typ. Max.	Package
SL6500B	650	6	51	9	1.35 1.55	TO-220/263
SL6508B	650	8	68	13	1.35 1.55	TO-220/263
SL6510B	650	10	78	15	1.35 1.55	TO-220/263
SL6512B	650	12	93	18	1.35 1.55	TO-220/263
SL6515B	650	15	110	23	1.35 1.55	TO-220/247/263
SL6520B	650	20	130	31	1.35 1.55	TO-220/247/263
SL6530BT	650	30	230	23	1.35 1.55	TO-247
SL6540BT	650	40	270	31	1.35 1.55	TO-247
SL12005B	1200	5	88	17	1.4 1.6	TO-220/252
SL12010B	1200	10	150	34	1.4 1.6	TO-220/247
SL12015B	1200	15	180	51	1.4 1.6	TO-220
SL12020BT	1200	20	280	34	1.4 1.6	TO-247
SL12030BT	1200	30	360	51	1.4 1.6	TO-247
SL12040BT	1200	40	420	66	1.4 -	TO-247
SL17010BT	1700	10	231	96	1.7 2	TO-247
SL17025BT	1700	25	377	230	1.8 2.5	TO-247

应用领域 /Applications

- 充电桩
- 风力发电
- 新能源汽车
- 开关电源
- 光伏逆变器
- 电机驱动
- DC/DC
- PFC

WWW.SLKORMICRO.COM

矽科微 碳化硅专家

场效应管 /MOSFET

N/P	Part Number	V _{DS} (V)	I _D @ T _C =25°C (A)	P _D @ T _C =25°C (W)	V _{DS} (V)	R _{DS(on)} @ T _J = 25°C V _{GS} = 10V 4.5V 2.5V	Package
P	SL6401	-12	-4.3	1.3 ±8	-	50 85	SOT-23
P	SL2333	-12	-5.1	1.25 ±8	-	35 45	SOT-23
P	SL3423	-20	-2	0.9 ±10	92	118 166	SOT-23
P	SL2015	-20	-2.4	0.9 ±8	-	110 150	SOT-23
P	SL2301	-20	-2.8	0.9 ±10	-	100 120	SOT-23
P	SL2321	-20	-3.4	1 ±8	-	60 80	SOT-23
P	SL3419	-20	-3.5	1 ±12	85	102 140	SOT-23
P	SL3411	-20	-3.6	1.25 ±8	-	52 72	SOT-23
P	SL6402	-20	-3.7	1.1 ±12	-	65 135	SOT-23
P	SL2305	-20	-3.9	1.2 ±10	-	65 80	SOT-23
P	SL2341	-20	-4	1.2 ±10	-	55 95	SOT-23
P	SL3415	-20	-4	1 ±8	-	43 54	SOT-23
P	SL3443	-20	-4.7	1.1 ±12	-	70 110	SOT-23
P	SL2623	-20	-6	1.4 ±10	-	33 45	SOT-23
P	SL90P02Q	-20	-90	41.67 ±12 2.3 2.6 3.6	DFN5×6-8		
N	SL2016	20	3.2	0.8 ±8	-	47 55	SOT-23
N	SL2302	20	3.5	1 ±10	-	60 80	SOT-23
N	SL2306	20	4	1.2 ±10	-	40 60	SOT-23
N	SL2342	20	4	1.25 ±12	-	35 40	SOT-23
N	SL2300	20	4.2	1.2 ±8	-	30 40	SOT-23
N	SL2602	20	4.2	1.25 ±12	-	45 80	SOT-23
N	SL2312	20	4.5	1.25 ±12	-	33 40	SOT-23
N	SL3420	20	6	1.4 ±12 24	27	42	SOT-23
N	SL8205F	20	6	1.5 ±8	-	23	SOT-23-6
N	SL3416	20	6.5	1.4 ±8	-	22	SOT-23
N	SL2808	20	8	1.4 ±10	-	14	SOT-23
N	SL2100	20	10	1.4 ±10	-	12	SOT-23
P	SL3403	-30	-2.6	1.1 ±12 115	150	200	SOT-23
P	SL3401	-30	-3.8	1.25 ±12 60	80	100	SOT-23
P	SL3407	-30	-4.1	1.4 ±20 65	95	-	SOT-23
P	SL2345	-30	-4.2	1.4 ±12 68	80	100	SOT-23
N	SL3406	30	3.6	1.4 ±20 65	105	-	SOT-23
N	SL3402	30	4	1.25 ±12 55	70	110	SOT-23
N	SL3404	30	5	1.4 ±20 28	45	-	SOT-23
N	SL3100	30	8	1.4 ±20 14	16	-	SOT-23
N	SL150N03QA	30	150	166 ±20 1.6 2.4	-	DFN5×6-8	

WWW.SLKORMICRO.COM

矽科微 碳化硅专家

场效应管 /MOSFET

N/P	Part Number	V _{DS} (V)	I _D @ T _C =25°C (A)	P _D @ T _C =25°C (W)	V _{DS} (V)	R _{DS(on)} @ T _J = 25°C V _{GS} = 10V 4.5V 2.5V	Package
P	SL6P04S	-40	-6	2.2 ±20	45	60 -	SOP-8
P	SL40P04D	-40	-40	50 ±20	14	24 -	TO-252
P	SL40P07D	-40	-70	85 ±20	10	15 -	TO-252
N	SL12N04S	40	12	3 ±20	12 18	-	SOP-8
N	SL60N04D	40	60	65 ±20	12 18	-	TO-252
N	SL120N04D	40	120	130 ±20	4 7	-	TO-252
N	SL210N04	40	210	310 ±20	2.5 -	-	TO-220
N	SL29N05D	50	25	45 ±20	21 30	-	TO-252
N	SL40N05D	50	40	50 ±20	17 25	-	TO-252
N	SL80N05D	50	80	105 ±20	6.4 9	-	TO-252
P	SL15P05	-55	-15	45 ±20	75 -	-	TO-220
P	SL30P05D	-55	-30	65 ±20	40 -	-	TO-252
P	SL12P05D	-60	-12	50 ±20	100 125	-	TO-252
P	SL25P06	-60	-25	90 ±20	45 -	-	TO-220
P	SL50P06D	-60	-50	95 ±20	28 -	-	TO-252
N	2N7002	60	0.115	0.35 ±20	2000 3000	-	SOT-23
N	2N7002E	60	0.3	0.35 ±20	2000 3000	-	SOT-23
N	SL20N06S	60	12	3 ±20	10 11	-	SOP-8
N	SL30N06D	60	30	50 ±20	25 36	-	TO-252
N	SL50N06D	60	50	80 ±20	20 25	-	TO-252
N	SL80N06D	60	80	110 ±20	8.5 -	-	TO-252
N	SL100N06	60	100	170 ±20	6.5 -	-	TO-220
N	SL150N06	60	150	220 ±20	4.5 -	-	TO-220
N	SL7560D	75	60	140 ±20	8.5 -	-	TO-252
N	SL75105	75	105	200 ±20	6.5 -	-	TO-220
N	SL75350K	75	350	460 ±20	2.2 -	-	TO-263
N	SL10N08S	80	10	3 ±20	16 25	-	SOP-8
N	SL50N08D	80	50	100 ±20	16 25	-	TO-252
N	SL105N08	80	105	200 ±20	7 -	-	TO-220
N	SL120N08	80	120	220 ±20	6 -	-	TO-220
N	SL160N08	80	160	265 ±20	4.7 -	-	TO-220
N	SL8580K	85	80	170 ±20	8.5 -	-	TO-263
N	SL85210T	85	210	330 ±20	3.5 -	-	TO-247
P	SL13P10D	-100	-13	40 ±20	200 230	-	TO-252
P	SL18P10K	-100	-18	70 ±20	100 120	-	TO-263
P	SL30P10D	-100	-30	120 ±20	58 65	-	TO-252

WWW.SLKORMICRO.COM

矽科微 碳化硅专家

场效应管 /MOSFET

N/P	Part Number	V _{DS} (V)	I _D @ T _C =25°C (A)	P _D @ T _C =25°C (W)	V _{DS} (V)	R _{DS(on)} @ T _J = 25°C V _{GS} = 10V 4.5V 2.5V	Package
N	SL15N10D	100	15	42 ±20	100 120	-	TO-252
N	SL40N10D	100	40	140 ±20	17 18	-	TO-252
N	SL110N10	100	110	220 ±20	8 -	-	TO-220
N	SL130N10	100	130	285 ±20	6.8 -	-	TO-220
N	SL40N15K	150	40	150 ±12	45 48	-	TO-263
N	SL50N15	150	50	220 ±20	23 -	-	TO-220
N	SL70N15	150	70	310 ±20	18 -	-	TO-220
N	SL100N15	150	100	370 ±20	12 -	-	TO-220
N	SL24N20D	200	24	150 ±20	80 -	-	TO-252
N	SL40N20	200	40	220 ±20	41 -	-	TO-220
N	SL50N20K	200	50	270 ±20	40 -	-	TO-263
N	SL60N20	200	60	285 ±20	30 -	-	TO-220
N	SL75N20T	200	75	380 ±20	24 -	-	TO-247
N	SL100N20T	200	100	400 ±20	17 -	-	TO-247
N	SL4N50	500	4	52 ±30	2500 -	-	TO-251/252
N	SL8N50F	500	8	42 ±30	900 -	-	TO-220F
N	SL13N50F	500	13	48 ±30	520 -	-	TO-220F
N	SL18N50F	500	18	40.5 ±30	350 -	-	TO-220F
N	SL24N50P	500	24	220 ±30	240 -	-	TO-3P
N	SL2N60	600	2	44 ±30	4500 -	-	TO-251/252
N	SL4N60	600	4	51 ±30	2500 -	-	TO-251/252
N	SL7N60F	600	7	48 ±30	1200 -	-	TO-220F
N	SL8N60F	600	8	48 ±30	1200 -	-	TO-220F
N	SL12N60F	600	12	51 ±30	700 -	-	TO-220F
N	SL2N65	650	2	44/23 ±30	4900 -	-	TO-252/220F
N	SL4N65	650	4	51/33 ±30	2600 -	-	TO-252/220F
N	SL7N65F	650	7	48 ±30	1300 -	-	TO-220F
N	SL8N65F	650	8	52 ±30	1300 -	-	TO-220F
N	SL10N65F	650	10	50 ±30	900 -	-	TO-220F
N	SL12N65F	650	12	51 ±30	750 -	-	TO-220F
N	SL20N65F	650	20	74 ±30	450 -	-	TO-220F
N	SL4N80F	800	4	38 ±30	3000 -	-	TO-220F
N	SL7N80F	800	7	48 ±30	1900 -	-	TO-220F
N	SL10N80F	800	10	62 ±30	1150 -	-	TO-220F
N	SL4N90F	900	4	40 ±30	3400 -	-	TO-220F
N	SL7N90F	900	7	52 ±30	1800 -	-	TO-220F

WWW.SLKORMICRO.COM

矽科微 碳化硅专家

超结场效应管 /Super Junction MOSFET

Part Number	V _{DS} (V)	I _D @ T _C =25°C (A)	P _D @T _C =25°C (W)	V _{DS} (V)	R _{DS(on)} @T _C = 25°C V _{GS} =10V (mΩ)Max.	Package
SL2N50C	500	2	20	±30	2500	TO-251/252
SL3N50C	500	3	21.5	±30	1300	TO-251/252
SL1N60C	600	1	17	±30	3900	TO-251/252
SL2N60C	600	2	21	±30	2200	TO-251/252
SL3N60C	600	3	22	±30	1600	TO-251/252
SL7N60C	600	7	89/22.3	±30	600	TO-252/220F
SL2N65C	650	2	21	±30	2400	TO-251/252
SL3N65C	650	3	22	±30	1900	TO-251/252
SL4N65C	650	4	41/28.4	±30	1100	TO-252/220F
SL5N65C	650	5	46/29.8	±30	900	TO-252/220F
SL7N65C	650	7	60/31.4	±30	680	TO-252/263/220F
SL8N65C	650	8	69/31.6	±30	540	TO-252/263/220F
SL11N65C	650	11	101/32.6	±30	360	TO-252/263/220F
SL15N65C	650	15	131/33.2	±30	260	TO-220/220F/247
SL21N65C	650	21	188/33.8	±30	180	TO-220/220F/247
SL36N65CT	650	36	357.2	±30	100	TO-247
SL47N65CT	650	47	328.9	±30	72	TO-247
SL53N65CT	650	53	435	±30	70	TO-247
SL75N65CT	650	75	510	±30	41	TO-247
SL2N70C	700	2	22	±30	2500	TO-251/252
SL4N70C	700	4	41/28.4	±30	1300	TO-252/220F
SL5N70C	700	5	46/29.8	±30	950	TO-252/220F
SL7N70C	700	7	60/31.4	±30	780	TO-252/263/220F
SL8N70C	700	8	69/31.6	±30	600	TO-252/263/220F
SL11N70C	700	11	101/32.6	±30	390	TO-252/263/220F
SL15N70C	700	15	131/33.2	±30	290	TO-220/220F/247
SL21N70CF	700	21	33.8	±30	180	TO-220F
SL36N70CT	700	36	357.2	±30	120	TO-247
SL47N70CT	700	47	328.9	±30	75	TO-247
SL4N80C	800	4	60/31.4	±30	1500	TO-252/220F
SL5N80C	800	5	69/31.8	±30	1200	TO-252/220F
SL6N80C	800	6	98/32.4	±30	900	TO-252/220F
SL9N80C	800	9	131/33.2	±30	560	TO-252/220F
SL11N80C	800	11	188/33.8	±30	420	TO-263/220F
SL17N80C	800	17	265/35	±30	290	TO-220/220F/247
SL5N90C	900	5	81/32	±30	1200	TO-252/220F

WWW.SLKORMICRO.COM

矽科微 碳化硅专家

IGBT单管 /IGBT Discrete

Part Number	V _{DS} (V)	I _C (A)	P _D (W)	V _{CE(sat)} (V)	V _{CE(sat)} (V)	V _{CE(sat)} (V)	Package
SL15N60FF	600	15	114	1.35	2.1	2.5	TO-220F
SL25N60FL	600	25	200	1.5	1.9	-	TO-247
SL40T65FL	650	40	375	1.3	1.95	2.4	TO-247
SL50T65FL	650	50	273	1.65	1.95	2.4	TO-247
SL60T65FL	650	60	428	1.45	1.85	2.4	TO-247
SL15T120FL	1200	15	220	1.4	2	2.5	TO-247
SL20T120FL	1200	20	320	1.9	1.6	1.8	TO-247
SL25N120FL	1200	25	312	2	2	2.5	TO-247
SL30N120FL	1200	30	300	2	2.1	2.3	TO-247
SL40T120FL	1200	40	357	2.4	2	2.4	TO-247
SL15T135FL	1350	15	220	1.4	2	2.5	TO-247
SL25T135FL	1350	25	312	2	2	2.5	TO-247

应用领域 /Applications



电动工具



交流电机



电磁炉



逆变器



UPS



变压器

WWW.SLKORMICRO.COM

矽科微 碳化硅专家

IGBT/SiC模块 /IGBT/SiC Module

Part Number	V _{DS} (V)	I _C @T _C =95°C (A)	P _D @T _C =25°C (W)	V _{CE(sat)} @T _C =25°C V _{BE} =5V (V)	Typ.	Max.	Package
SL50H60TL	600	50	200	1.65	1.95	2.25	
SL75H60TL	600	75	275	1.55	1.95	2.25	
SL150H60TL	600	150	540	1.55	1.95	2.25	
SL200H60TL	600	200	735	1.25	1.95	2.45	
SL300H60TL	600	300	940	1.55	1.45	-	
SL450H60TL	600	450	1200	1.55	1.45	1.9	
SL600H60TL	600	600	1578	1.55	1.45	1.9	
SL150FF65TL	650	150	428	1.55	1.45	1.9	
SL200FF65TL	650	200	600	1.55	1.45	1.9	
SL450H65TL	650	450	1250	1.55	1.45	1.9	
SL600H65TL	650	600	1760	1.55	1.45	1.9	
SL50H120TL	1200	50	500	1.9	1.8	-	
SL75H120TL	1200	75	630	2	1.8	-	
SL100H120TL	1200	100	600	1.95	2.1	2.5	
SL150H120TL	1200	150	780	1.65	1.7	2.15	
SL200H120TL	1200	200	1050	1.65	1.7	2.15	
SL300H120TL	1200	300	1660	1.9	1.75	2.2	
SL450H120TL	1200	450	2500	1.65	1.9	2.35	
SL600H120TL	1200	600	3125	1.65	1.75	2.1	
SL800H120TL	1200	800	3950	2.25	2.1	2.5	
SL50FF170TL	1700	50	390	1.8	2	2.45	
SL75FF170TL	1700	75	620	1.8	2	2.45	
SL100FF170TL	1700	100	720	1.8	2	2.45	
SL150FF170TL	1700	150	890	1.8	2	2.45	
SL200H170TL	1700	200	1250	1.8	2	2.45	
SL300H170TL	1700	300	1450	1.8	2	2.45	
SL450H170TL	1700	450	2700	1.8	2	2.45	
SL600H170TL	1700	600	3750	1.8	2.25	2.6	

应用领域 /Applications

- 变频器
- 通讯电源
- 电机驱动
- 充电桩
- 感应加热
- 机车牵引
- 电焊机
- 变频空调

WWW.SLKORMICRO.COM

矽科微 碳化硅专家

快恢复二极管 /FRD Discrete

Part Number	V _{DS} (V)	I _F (A)(V)	V _T (V)@T _C =25°C	T _{rr} (ns)	R _{thJc} (°C/W)	Package
SL16S20	200	2 × 8	0.87	20	2.5	TO-220AB
SL20S20T	200	2 × 10	0.9	17	1.5	TO-247
SL60S20P	200	2 × 30	0.86	22	0.8	TO-3P
SL100S20T	200	100	1.01	35	0.24	TO-247-2L
D92-02	220	2 × 10	0.9	17	1.5	TO-3P
SL60S30P	300	2 × 30	1.25	22	0.8	TO-3P
SL80S30P	300	80	1.35	30	0.5	TO-3P
SL80S30T	300	2 × 40	1.15	18	0.5	TO-247
SL30S40P	400	2 × 15	1	30	1.1	TO-3P
SL80S40P	400	2 × 40	1.3	22	0.8	TO-3P
SL8S60	600	8	1.8	17	2.5	TO-220AC
SL10S60F	600	10	1.25	22	4.5	TO-220F-2L
SL15S60	600	15	1.3	30	1.5	TO-220AC
SL16S60	600	2 × 8	1.8	17	2.5	TO-220AB
SL30S60	600	30	2	20	0.8	TO-220AC
SL30S60P	600	2 × 15	2	18	1.3	TO-3P
SL60S60P	600	60	1.3	40	0.5	TO-3P-2L
SL60S60T	600	2 × 30	1.5	25	0.8	TO-247
SL6S70	700	8	1.3	19	2.5	TO-220AC
SL15S70	700	15	1.3	21	1.5	TO-220AC
SL16S70	700	2 × 8	1.3	19	2.5	TO-220AB
SL8S120	1200	8	2.8	20	2	TO-220AC
SL10S120	1200	10	1.9	25	1.8	TO-220AC
SL15S120	1200	15	2.6	25	1.5	TO-220AC
SL30S120T	1200	30	2.15	30	1.1	TO-247-2L
SL60S120T	1200	60	2.1	40	0.4	TO-247-2L

应用领域 /Applications

- 氙气灯
- 净水器
- 开关电源
- 不间断电源
- 镇流器
- 逆变器机
- 电机驱动
- 逆变器

WWW.SLKORMICRO.COM

矽科微 碳化硅专家

单向可控硅 /SCR

Part Number	V _{max} (V)	I _{trms} (A)	I _{on} (A)	V _{on} (V)	T _J (°C)	Package
MCR100-6	400	0.8	5-200	0.7-0.8	125	TO-92
MCR100-8	600	0.8	5-200	0.7-0.8	125	TO-92
BT169	600	1	5-200	0.7-0.8	125	TO-92
SLR0205D	600	2	40-200	0.7-0.8	125	TO-252
SLR0405D	600	4	50-200	0.7-0.8	125	TO-252
SLR0805D	600	8	200	0.7-0.8	125	TO-252
SLR610R	600	10	10000	0.7-0.8	125	TO-220F
SLR612	600	12	15000	0.7-0.8	125	TO-220
SLR810	800	10	10000	0.7-0.8	125	TO-220
BT151-800	800	12	4000-15000	0.7-0.8	125	TO-220
SLR816	800	16	15000	0.7-0.8	125	TO-220
BT152-800	800	20	25000	0.7-0.8	125	TO-220

双向可控硅 /TRIACS

Part Number	V _{max} (V)	I _{trms} (A)	I _{on} (mA)	V _{on} (V)	T _J (°C)	Package
BT131-600	600	1	3-10	1.5	125	TO-92
BT136-600D	600	4	3-35	1.8	125	TO-252
BT404-600	600	4	20-50	1.8	125	TO-220
BT406-600	600	6	5-100	1.8	125	TO-220
BT137-600D	600	8	5-100	1.8	125	TO-252
BT408-600	600	8	5-100	1.8	125	TO-220
BTB10-600	600	10	18-80	1.8	125	TO-220
BT138-600D	600	12	18-80	1.8	125	TO-252
BT412-600	600	12	18-80	1.8	125	TO-220
BT139-600	600	16	18-80	1.8	125	TO-220
BTB20-600	600	20	18-80	1.8	125	TO-220
BT424-600	600	25	18-100	1.8	125	TO-220
BT441-600	600	40	50-80	1.3	125	TO-3P
BT136-800	800	4	3-35	1.8	125	TO-220
BT137-800	800	8	5-100	1.8	125	TO-220
BT410-800	800	10	18-80	1.8	125	TO-220
BT138-800	800	12	18-80	1.8	125	TO-220
BT139-800	800	16	18-80	1.8	125	TO-220
BT441-800	800	40	50-80	1.3	125	TO-3P
BT441-1200	1200	40	50	1.3	125	TO-3P

WWW.SLKORMICRO.COM

矽科微 碳化硅专家

ESD /Electro-Static Discharge

Part Number	Maximum Continuous Voltage V _{OC(max)} V	Varistors Voltage V _V V	Clamping Voltage (8/20s) V _{CL(max)} V	Leakage Current I _{OC(max)} μA	Capacitance (1MHz Ove) C(type) pF	C(max) pF
SLV0402-05L0R15	5.0V	100	35	0.1	0.15	0.25
SLV0402-12L0R15	12.0V	100	35	0.1	0.15	0.25
SLV0402-24L0R15	24.0V	150	50	0.1	0.15	0.25
SLV0603-05L0R15	5.0V	100	35	0.1	0.15	0.25
SLV0603-12L0R15	12.0V	100	35	0.1	0.15	0.25
SLV0603-24L0R15	24.0V	150	50	0.1	0.15	0.25
SLV0402-05E050P	5.0V	100-150	60	1.0	5	
SLV0603-24E2R5P	24.0V	100-150	250	1.0	2.5	

ESD保护器件说明:

ESD保护器件是一种用来保护敏感器件或电路使其免遭静电冲击而设计的固态半导体器件。当ESD保护器件受到瞬态高能量浪涌或静电冲击时，有效地保护电子线路中的精密元器件，免受各种浪涌脉冲和静电的损坏。

ESD保护器件分为半导体ESD和压敏电阻ESD两种。半导体ESD本质上是小型化的TVS或TVS阵列，而压敏电阻ESD是由多层氧化物制成的表面封装、体积小、无引线的压敏电阻，具有电容低（0.05~0.2pF）、漏电流小以及吸收浪涌能力强等优点。

ESD保护器件满足以下标准:

- IEC61000-4-2(ESD) ± 15KV(空气放电)
- IEC61000-4-2(ESD) ± 8KV(接触放电)
- IEC61000-4-4(EFT)40A(5/50ns)
- IEC61000-4-5(雷电)

特点

- 低工作电压
- 低电容
- 低漏电流
- 符合ROHS要求
- 高浪涌电流容量
- 单路和多路保护
- 小封装，节省电路板空间

应用

- USB 接口
- Ethernet
- GPS 系统
- 打印机接口
- HDMI 接口
- 便携式设备 (PDA/DSC)
- LCD 等离子电视
- 卫星接收机

WWW.SLKORMICRO.COM

矽科微 碳化硅专家

主要产品应用 /Main product application

一、智能扫地机器人

Product	Part Number	Package
NMOS	SL17N06D	TO-252
PMOS	SL11P06D	TO-252
DIODE	1N5822	SMA
DIODE	SL4148	LL-34
DIODE	SL60	LL-34
TRIODE	SL8050	SOT-89
TRIODE	SL8550	SOT-89



二、锂电保护

Product	Part Number	Package
NMOS	SL8205G	SOT23-6
NMOS	SL8205F	SOT23-6
IC	SLDW01	SOT23-6

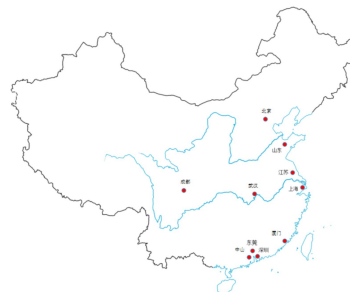


三、电子烟

Product	Part Number	Package
NMOS	SL150N03QA	DFN5*6-8
PMOS	SL90P02Q	DFN5*6-8
IC	SLM7812R	DFN3*3-8
IC	SLM7811R	DFN3*3-8



中国代理商



代理商

东莞市合成讯电子科技有限公司 电话：0769-87887336	深圳黄金树科技有限公司 电话：0755-33160613	深圳市粤浩微电子科技有限公司 电话：0755-82796059
常州市艾欣睿电子科技有限公司 电话：0519-69870730	东莞市威震电子有限公司 电话：0769-83238306	深圳市立创电子商务有限公司 电话：0755-83203983
上海宸芯电子科技有限公司 电话：021-58998072	深圳市世联芯科技有限公司 电话：0755-83650046	深圳市金彩阳光电子有限公司 电话：0755-23736732
北京途碧尔尔科技有限公司 电话：010-68006298	深圳市正威尔电子有限公司 电话：0755-83262649	铭泰电子（上海）有限公司 电话：0755-21017905
深圳市普瑞电子有限公司 电话：0755-82792088	成都晨芯科技有限公司 电话：028-61592030	武汉市明佳芯源科技有限公司 电话：027-87401882

WWW.SLKORMICRO.COM

矽科微 碳化硅专家

WWW.SLKORMICRO.COM

矽科微 碳化硅专家