

Series	Package	Configuration	Channel	VDS(V)	VGS(V)	r <sub>DS(on)</sub> @ 10 V(Ohms)	r <sub>DS(on)</sub> @ 4.5 V(Ohms)	r <sub>DS(on)</sub> @ 2.5 V(Ohms)	r <sub>DS(on)</sub> @ 1.8 V(Ohms)	r <sub>DS(on)</sub> @ 1.5 V(Ohms)	r <sub>DS(on)</sub> @ 1.2 V(Ohms)	Q <sub>g</sub> @ 10 V(nC)	Q <sub>g</sub> @ 4.5 V(nC)	Q <sub>gss</sub> (nC)	Q <sub>gd</sub> (nC)	I <sub>D</sub> Max.(A)	P <sub>D</sub> Max.(W)	V <sub>GS(th)</sub> min(V)	R <sub>g</sub> Typ. (Ohms)
<a href="#">SiA915DJ</a>	PowerPAK SC-70	DUAL	P	-30	20	0.087	0.145					6	3.2	1.1	1.5	4.5	6.5	1	7.5
<a href="#">SiA929DJ</a>	PowerPAK SC-70	DUAL	P	-30	12	0.064	0.078	0.12				14	6.6	1.2	1.9	4.5	7.8	0.6	5.5
<a href="#">SiA923EDJ</a>	PowerPAK SC-70	DUAL	P	-20	8		0.054	0.07	0.104	0.165			9.5	1.4	2.3	4.5	7.8	0.5	5.1
<a href="#">SiA921EDJ</a>	PowerPAK SC-70	DUAL	P	-20	12		0.059	0.098				15	7.1	1.3	2.1	4.5	7.8	0.5	6.3
<a href="#">SiA911ADJ</a>	PowerPAK SC-70	DUAL	P	-20	8		0.116	0.155	0.205				4.9	0.75	1.2	4.5	6.5	0.4	6
<a href="#">SiA913ADJ</a>	PowerPAK SC-70	DUAL	P	-12	8		0.061	0.081	0.115				8.2	1.2	2.8	4.5	6.5	0.4	10
<a href="#">SiA975DJ</a>	PowerPAK SC-70	DUAL	P	-12	8		0.041	0.06	0.11				10.5	2.3	2.5	4.5	7.8	0.4	5.5
<a href="#">SiA920DJ</a>	PowerPAK SC-70	DUAL	N	8	5		0.027	0.031	0.036	0.047	0.11		4.8	0.63	0.6	4.5	7.8	0.35	4
<a href="#">SiA910EDJ</a>	PowerPAK SC-70	DUAL	N	12	8		0.028	0.033	0.042				6.2	0.8	1.6	4.5	7.8	0.4	4
<a href="#">SiA906EDJ</a>	PowerPAK SC-70	DUAL	N	20	12		0.046	0.063				7.5	3.5	0.95	0.75	4.5	7.8	0.6	3.5
<a href="#">SiA519EDJ</a>	PowerPAK SC-70	N&P PAIR	P	-20	12		0.09	0.137				10.5	5.3	0.75	2	4.5	7.8	0.5	10
<a href="#">SiA517DJ</a>	PowerPAK SC-70	N&P PAIR	P	-12	8		0.061	0.081	0.115	0.17			8.2	1.2	2.8	4.5	6.5	0.4	10
<a href="#">SiA533EDJ</a>	PowerPAK SC-70	N&P PAIR	P	-12	8		0.059	0.081	0.115	0.215		13	7.8	1.3	2.3	4.5	7.8	0.4	7
<a href="#">SiA533EDJ</a>	PowerPAK SC-70	N&P PAIR	N	12	8		0.034	0.04	0.05	0.07		10	5.6	0.7	0.85	4.5	7.8	0.4	3.5
<a href="#">SiA517DJ</a>	PowerPAK SC-70	N&P PAIR	N	12	8		0.029	0.034	0.044	0.065			5.6	0.72	0.74	4.5	6.5	0.4	3.5
<a href="#">SiA519EDJ</a>	PowerPAK SC-70	N&P PAIR	N	20	12		0.04	0.065				7.7	3.7	0.85	0.95	4.5	7.8	0.6	3.5
<a href="#">SiA441DJ</a>	PowerPAK SC-70	SINGLE	P	-40	20	0.047	0.065					22	11	2.9	5.2	12	19	1.2	7.2
<a href="#">SiA421DJ</a>	PowerPAK SC-70	SINGLE	P	-30	20	0.035	0.056					19	10	3	4.5	12	19	1.5	6.5
<a href="#">SiA431DJ</a>	PowerPAK SC-70	SINGLE	P	-20	8		0.025	0.031	0.041	0.07			24	2.4	6.5	12	19	0.4	6.3
<a href="#">SiA419DJ</a>	PowerPAK SC-70	SINGLE	P	-20	5		0.03	0.039	0.051	0.066	0.113		17.5	2.1	5.2	12	19	0.35	9
<a href="#">SIA425EDJ</a>	PowerPAK SC-70	SINGLE	P	-20	12		0.06	0.08	0.12							4.5	15.6	0.4	6000
<a href="#">SiA415DJ</a>	PowerPAK SC-70	SINGLE	P	-20	12		0.035	0.051				31	15	2.8	5	12	19	0.6	7
<a href="#">SIA433EDJ</a>	PowerPAK SC-70	SINGLE	P	-20	12		0.018	0.026	0.065				20	3.3	8.4	12	19	0.5	1000

Series	Package	Configuration	Channel	VDS(V)	VGS(V)	r <sub>DS(on)</sub> @ 10 V(Ohms)	r <sub>DS(on)</sub> @ 4.5 V(Ohms)	r <sub>DS(on)</sub> @ 2.5 V(Ohms)	r <sub>DS(on)</sub> @ 1.8 V(Ohms)	r <sub>DS(on)</sub> @ 1.5 V(Ohms)	r <sub>DS(on)</sub> @ 1.2 V(Ohms)	Q <sub>g</sub> @ 10 V(nC)	Q <sub>g</sub> @ 4.5 V(nC)	Q <sub>gs</sub> (nC)	Q <sub>ge</sub> (nC)	I <sub>D</sub> Max.(A)	P <sub>D</sub> Max.(W)	V <sub>GS(th)</sub> min(V)	RgTyp. (Ohms)
<a href="#">SiA413DJ</a>	PowerPAK SC-70	SINGLE	P	-12	8		0.029	0.034	0.044	0.1			23	3	6.5	12	19	0.4	7
<a href="#">SiA427DJ</a>	PowerPAK SC-70	SINGLE	P	-8	5		0.016	0.0215	0.026	0.032	0.095		30	3	6.6	12	19	0.35	9
<a href="#">SiA414DJ</a>	PowerPAK SC-70	SINGLE	N	8	5		0.011	0.013	0.016	0.022	0.041		19	2.5	6.5	12	19	0.35	2.5
<a href="#">SiA406DJ</a>	PowerPAK SC-70	SINGLE	N	12	8		0.0198	0.0222	0.0264				13.7	2.6	1.1	4.5	19	0.4	2.5
<a href="#">SiA430DJ</a>	PowerPAK SC-70	SINGLE	N	20	20	0.0135	0.0185					12	5.3	2	1.4	12	19.2	1	2.5
<a href="#">SiA426DJ</a>	PowerPAK SC-70	SINGLE	N	20	12	0.0236	0.0263	0.0361				17.5	7.9	2.1	1.1	4.5	19	0.6	3
<a href="#">SiA400EDJ</a>	PowerPAK SC-70	SINGLE	N	30	12		0.019	0.025				24	11.6	2.9	2.2	12	19.2	0.6	3.3
<a href="#">SiA432DJ</a>	PowerPAK SC-70	SINGLE	N	30	20	0.02	0.024					13	5.6	2	1.4	12	19.2	1	3
<a href="#">SiA408DJ</a>	PowerPAK SC-70	SINGLE	N	30	12	0.036	0.039	0.053				16	7	2	1.7	4.5	17.9	0.6	3
<a href="#">SiA456DJ</a>	PowerPAK SC-70	SINGLE	N	200	16		1.38	1.5	3.5			9.5	5	0.7	1.7	2.6	19	0.6	2
<a href="#">SiA450DJ</a>	PowerPAK SC-70	SINGLE	N	240	20	2.9	2.95	3.5				4.69	2.54	0.58	1.14	1.52	15	0.8	7
<a href="#">SiA850DJ</a>	PowerPAK SC-70	SINGLE PLUS INTEGRATED DIODE	N	190	16		3.8	4.2	17			3	1.4	0.25	0.4	0.95	7	0.6	2.3
<a href="#">SiA811ADJ</a>	PowerPAK SC-70	SINGLE PLUS INTEGRATED SCHOTTKY	P	-20	8		0.116	0.155	0.205				4.9	0.75	1.2	4.5	6.5	0.4	6
<a href="#">SiA814DJ</a>	PowerPAK SC-70	SINGLE PLUS INTEGRATED SCHOTTKY	N	30	12	0.061	0.072	0.11				7	3.2	0.9	0.8	4.5	6.5	0.6	2
<a href="#">SiA907EDJT</a>	Thin PowerPAK SC-70	DUAL	P	-20	12		0.057	0.095				15	7.1	1.3	2.1	4.5	7.8	0.5	7
<a href="#">SiA429DJT</a>	Thin PowerPAK SC-70	SINGLE	P	-20	8		0.0205	0.027	0.036	0.06			24.5	2.4	6.7	12	19	0.4	6.3
<a href="#">SiA444DJT</a>	Thin PowerPAK SC-70	SINGLE	N	30	20	0.017	0.022					10	5	1.5	1.7	12	19	1	3.5