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Type No.	Package type	Applications	Absolute maximum ratings					Electrical characteristics (Ta = 25 °C)						
			V <sub>DS</sub> (V)	V <sub>GS</sub> (V)	I <sub>D</sub> (A)	P <sub>D</sub> (W)	T <sub>ch</sub> (°C)	V <sub>GS(off)</sub> (V)	R <sub>DS(on)</sub> @ I <sub>D</sub> · V <sub>GS</sub>			Y <sub>f</sub>   @ V <sub>DS</sub> · I <sub>D</sub>		
									R <sub>DS(on) max</sub> (Ω)	I <sub>D</sub> (A)	V <sub>GS</sub> (V)	Y <sub>f</sub>   <sub>typ</sub> (S)	V <sub>DS</sub> (V)	I <sub>D</sub> (A)
2SJ188	TP	Ultrahigh-speed switching	30	±15	2.0	20*	150	1 to 2	0.3	1.0	10	2.0	10	1.0
2SJ189	TP	Ultrahigh-speed switching	30	±15	4.0	30*	150	1 to 2	0.12	2.0	10	4.0	10	2.0
2SJ191	TP	Ultrahigh-speed switching	60	±15	2.0	20*	150	1 to 2	0.45	1.0	10	2.0	10	1.0
2SJ192	TP	Ultrahigh-speed switching	60	±15	4.0	30*	150	1 to 2	0.2	2.0	10	4.0	10	2.0
2SJ194	TP	Ultrahigh-speed switching	100	±15	2.0	20*	150	1 to 2	0.95	1.0	10	2.0	10	1.0
2SJ195	TP	Ultrahigh-speed switching	100	±15	4.0	30*	150	1 to 2	0.4	2.0	10	4.0	10	2.0
2SJ281	TP	Ultrahigh-speed switching	250	±15	3.0	30*	150	1.5 to 2.5	2.0	1.5	10	2.5	10	1.5
2SJ336	TP	Ultrahigh-speed switching	12	±18	2.0	20*	150	1 to 2	0.35	1.0	4	2.0	10	1.0
2SJ337	TP	Ultrahigh-speed switching	12	±18	8.0	30*	150	1 to 2	0.15	4.0	4	6.0	10	4.0
2SJ362	TP	Ultrahigh-speed switching	60	±25	2.0	20*	150	1.5 to 2.5	0.65	1.0	4	2.0	10	1.0
2SJ382	TP	Ultrahigh-speed switching	12	±10	4.0	20*	150	0.5 to 1.5	0.3	1.0	2.5	4.0	6	2.0
2SJ383	TP	Ultrahigh-speed switching	12	±10	8.0	30*	150	0.4 to 1.4	0.144	2.0	2.5	8.0	6	4.0
2SJ417	TP	Ultrahigh-speed switching	30	±20	4.0	20*	150	1 to 2.5	0.29	2.0	4	4.0	10	2.0
2SJ418	TP	Ultrahigh-speed switching	30	±20	8.0	30*	150	1 to 2.5	0.145	4.0	4	7.0	10	4.0
2SJ453	TP	Ultrahigh-speed switching, motor drives	250	±30	3.0	30*	150	2 to 3	2.6	1.5	10	2.5	10	1.5
2SJ457	TP	Ultrahigh-speed switching, motor drives	450	±30	0.5	30*	150	2 to 3	15	0.3	10	0.4	10	0.3
2SJ467 ▽	TP	Ultrahigh-speed switching	30	±25	8.0	30*	150	1 to 2.5	0.1	4.0	10	6	10	4
2SJ419	SOP8	Ultrahigh-speed switching	12	±10	4.0	2	150	0.4 to 1.4	0.144	2.0	2.5	8.0	6	4.0
2SJ420	SOP8	Ultrahigh-speed switching	12	±10	5.0	2	150	0.4 to 1.4	0.108	2.0	2.5	12.0	6	5.0
2SJ421	SOP8	Ultrahigh-speed switching	30	±20	5.0	2	150	1 to 2.5	0.107	2.0	4	10.0	10	5.0
2SJ468 ▽	SOP8	Ultrahigh-speed switching	30	±25	4.0	2	150	1 to 2.5	0.1	4.0	10	6.0	10	4.0
2SJ469 ▽	SOP8	Ultrahigh-speed switching	30	±25	5.0	2	150	1 to 2.5	0.75	5.0	10	8.0	10	5.0
FW101 ▽	SOP8	Ultrahigh-speed switching	12	±10	3.0	2	150	0.4 to 1.4	0.115	3.0	4	8.0	6	3.0
FW102 ▽	SOP8	Ultrahigh-speed switching	20	±20	3.0	2	150	1 to 2.4	0.1	3.0	10	4.0	10	3.0
FW103 ▽	SOP8	Ultrahigh-speed switching	30	±20	3.0	2	150	1 to 2.5	0.125	3.0	10	4.0	10	3.0
FW104 ▽	SOP8	Ultrahigh-speed switching	12	±10	2.0	2	150	0.4 to 1.4	0.4	2.0	4	0.24	6	2.0
FW106 ▽	SOP8	Ultrahigh-speed switching	30	±25	3.0	2	150	1 to 2.5	0.16	3.0	10	5.0	10	3.0
2SJ414	ZP	Ultrahigh-speed switching	60	±20	18.0	50*	150	1 to 2	0.11	9.0	4	0.08	9	10.0
2SJ415	ZP	Ultrahigh-speed switching	60	±20	10.0	40*	150	1 to 2	0.2	5.0	4	0.15	5	10.0
2SJ437 ▽	ZP	Ultrahigh-speed switching	30	±20	35.0	50*	150	2.7 §	0.03	15.0	10	20.0	10	15.0
2SJ466 ▽	ZP	Ultrahigh-speed switching	30	±20	35.0	50*	150	1 to 2	0.03	18.0	10	27.0	10	18.0
2SJ454	ZP	Ultrahigh-speed switching, motor drives	250	±30	5.0	40*	150	2 to 3	1.2	3.0	10	4.0	10	3.0
2SJ455	ZP	Ultrahigh-speed switching, motor drives	250	±30	7.0	45*	150	2 to 3	0.85	4.0	10	6.0	10	4.0
2SJ456	ZP	Ultrahigh-speed switching, motor drives	250	±30	9.0	50*	150	2 to 3	0.55	5.0	10	8.0	10	5.0
2SJ226	FLP	Ultrahigh-speed switching	30	±15	2.0	1.5	150	1 to 2	0.3	1.0	10	2.0	10	1.0
2SJ227	FLP	Ultrahigh-speed switching	30	±15	3.0	1.5	150	1 to 2	0.13	1.5	10	3.5	10	1.5
2SJ229	FLP	Ultrahigh-speed switching	60	±15	1.6	1.5	150	1 to 2	0.45	0.8	10	1.8	10	0.8
2SJ230	FLP	Ultrahigh-speed switching	60	±15	2.5	1.5	150	1 to 2	0.21	1.5	10	3.5	10	1.5
2SJ232	FLP	Ultrahigh-speed switching	100	±15	1.2	1.5	150	1 to 2	0.95	0.6	10	1.6	10	0.6
2SJ233	FLP	Ultrahigh-speed switching	100	±15	1.8	1.5	150	1 to 2	0.4	1.0	10	2.8	10	1.0
2SJ257	SMP	Ultrahigh-speed switching	30	±15	10.0	50*	150	1 to 2	0.12	5.0	10	6.5	10	5.0
2SJ258	SMP	Ultrahigh-speed switching	30	±20	12.0	60*	150	1 to 2	0.13	6.0	4	8.0	10	6.0
2SJ259	SMP	Ultrahigh-speed switching	30	±15	20.0	70*	150	1 to 2	0.055	10.0	10	14.0	10	10.0
2SJ266	SMP	Ultrahigh-speed switching	60	±15	8.0	50*	150	1 to 2	0.2	4.0	10	6.0	10	4.0
2SJ267	SMP	Ultrahigh-speed switching	60	±20	10.0	60*	150	1 to 2	0.2	5.0	4	7.5	10	5.0
2SJ268	SMP	Ultrahigh-speed switching	60	±15	18.0	70*	150	1 to 2	0.08	9.0	10	13.5	10	9.0
2SJ275	SMP	Ultrahigh-speed switching	100	±15	6.0	50*	150	1 to 2	0.4	3.0	10	5.0	10	3.0
2SJ276	SMP	Ultrahigh-speed switching	100	±20	8.0	60*	150	1 to 2	0.4	4.0	4	6.5	10	4.0
2SJ277	SMP	Ultrahigh-speed switching	100	±15	15.0	70*	150	1 to 2	0.16	8.0	10	13.0	10	8.0
2SJ458	SMP	Ultrahigh-speed switching, motor drives	450	±30	2.0	60*	150	2 to 3	5.5	1.0	10	1.2	10	1.0
2SJ459	SMP	Ultrahigh-speed switching, motor drives	450	±30	4.0	70*	150	2 to 3	2.8	2.0	10	2.4	10	2.0
2SJ340	SMP-FD	Ultrahigh-speed switching	60	±20	30.0	70*	150	1 to 2	0.055	15.0	4	25.0	10	15.0
2SJ400	SMP-FD	Ultrahigh-speed switching	30	±20	5.0	25*	150	1 to 2	0.8	2.5	10	3.0	10	2.5
2SJ251	TO220	Ultrahigh-speed switching	30	±15	10.0	50*	150	1 to 2	0.17	5.0	4	6.5	10	5.0
2SJ252	TO220	Ultrahigh-speed switching	30	±20	12.0	60*	150	1 to 2	0.13	6.0	4	8.0	10	6.0
2SJ253	TO220	Ultrahigh-speed switching	30	±15	20.0	70*	150	1 to 2	0.075	10.0	4	14.0	10	10.0
2SJ260	TO220	Ultrahigh-speed switching	60	±15	8.0	50*	150	1 to 2	0.27	4.0	4	6.0	10	4.0
2SJ261	TO220	Ultrahigh-speed switching	60	±20	10.0	60*	150	1 to 2	0.2	5.0	4	7.5	10	5.0
2SJ262	TO220	Ultrahigh-speed switching	60	±15	18.0	70*	150	1 to 2	0.11	9.0	4	13.5	10	9.0
2SJ269	TO220	Ultrahigh-speed switching	100	±15	6.0	50*	150	1 to 2	0.55	3.0	4	5.0	10	3.0
2SJ270	TO220	Ultrahigh-speed switching	100	±20	8.0	60*	150	1 to 2	0.4	4.0	4	6.5	10	4.0
2SJ271	TO220	Ultrahigh-speed switching	100	±15	15.0	70*	150	1 to 2	0.22	8.0	4	13.0	10	8.0

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