

Trench Power MOSFET (SOT-23-3L)														
Part No. Datasheet	TYPE	VDSS V	VGS V	VTH		IDS 25°C A	RDS(Max)					PD 25°C W	Package	Status
				Min V	Max V		10V mΩ	4.5V mΩ	2.5V mΩ	1.8V mΩ	1.25V mΩ			
SPP2301	P	20	12	0.45	1.5	3.0		120	170			1.25	SOT-23-3L	Active
SPN2302	N	20	12	0.45	1.2	3.2		80	95			1.25	SOT-23-3L	Active
SPP2303	P	30	20	1.0	3.0	3.0	130	180				1.25	SOT-23-3L	Active
SPN2304	N	30	20	1.0	3.0	3.2	65	90				1.25	SOT-23-3L	Active
SPP2305	P	10	12	0.35	0.85	3.5		70	85	105		1.25	SOT-23-3L	Develop
SPP2341	P	20	12	0.35	0.9	3.5		45	55	65		1.25	SOT-23-3L	Active
SPN2342	N	20	12	0.4	1.0	4.0		35	40	48		1.25	SOT-23-3L	Active
SPP3413	P	20	12	0.35	0.8	3.5		95	120	145	210	1.25	SOT-23-3L	Active
SPN3414	N	20	12	0.4	1.0	4.0		55	70	90	140	1.25	SOT-23-3L	Active
SPP3401	P	30	12	0.4	1.0	4.0	55	65	75			1.25	SOT-23-3L	Active
SPN3400	N	30	12	0.8	1.6	4.0	38	42	55			1.25	SOT-23-3L	Active
SPP3403	P	30	12	0.4	1.0	3.5	100	110	145	200		1.25	SOT-23-3L	Active
SPN3402	N	30	12	0.8	1.6	4.0	58	65	105			1.25	SOT-23-3L	Active
SPP3407	P	30	20	1.0	3.0	3.6	60	80				1.25	SOT-23-3L	Active
SPN3406	N	30	20	1.0	3.0	4.0	40	50				1.25	SOT-23-3L	Active
Trench Power MOSFET (SOT-523 / SC-89-3L)														
Part No. Datasheet	TYPE	VDSS V	VGS V	VTH		IDS 25°C A	RDS(Max)					PD 25°C W	Package	Status
				Min V	Max V		10V mΩ	4.5V mΩ	2.5V mΩ	1.8V mΩ				
SPP1013	P	20	12	0.35	0.8	0.45		520	700	950		0.27	SOT-523	Active
SPN1012	N	20	12	0.35	1.0	0.65		380	450	800		0.27	SOT-523	Active
Trench Power MOSFET (SOT-563 / SC-89-6L)														
Part No. Datasheet	TYPE	VDSS V	VGS V	VTH		IDS 25°C A	RDS(Max)					PD 25°C W	Package	Status
				Min V	Max V		10V Ω	5.0V Ω	4.5V Ω	2.5V Ω	1.8V Ω			
SPP1023	P	20	12	0.35	0.8	0.45			520	700	950	0.3	SOT-563	Develop
	P	20	12	0.35	0.8	0.45			520	700	950			
SPN1024	N	20	12	0.35	1.0	0.65			380	450	800	0.3	SOT-563	Develop
	N	20	12	0.35	1.0	0.65			380	450	800			
SPC1016	P	20	12	0.35	0.8	0.45			520	700	950	0.3	SOT-563	Develop

	N	20	12	0.35	1.0	0.65			380	450	800			
SPN1026	N	60	20	1.0	2.5	0.32	4.0	5.0				0.3	SOT-563	Active
	N	60	20	1.0	2.5	0.32	4.0	5.0						

Trench Power MOSFET (SOT-323 / SC-70-3L)

Part No.	TYPE	VDSS	VGS	VTH		IDS	RDS(Max)				PD	Package	Status	
				Min	Max		25°C	10V	4.5V	2.5V				1.8V
				V	V		A	mΩ	mΩ	mΩ				mΩ
SPP7407	P	20	12	0.35	0.8	2.3		100	125	170	0.33	SOT-323	Active	
SPN7402	N	20	12	0.35	0.85	2.4		65	80	95	0.33	SOT-323	Active	
SPP7401	P	30	12	0.4	1.0	2.8	115	135	170	240	0.33	SOT-323	Active	
SPN7400	N	30	12	0.8	1.6	2.8	77	85	110		0.33	SOT-323	Active	
SPP1413	P	20	12	0.5	1.8	2.9	130	150			0.33	SOT-323	Active	
SPN1423	N	20	12	0.45	1.2	2.8		90	100		0.33	SOT-323	Active	
SPP1433	P	30	20	1.0	3.0	2.8	110	140			0.33	SOT-323	Active	
SPN1443	N	30	20	1.0	3.0	2.8	65	90			0.33	SOT-323	Active	

Trench Power MOSFET (SOT-353 / SC-70-5L)

Part No.	TYPE	VDSS	VGS	VTH		IDS	RDS(Max)					PD	Package	Status	
				Min	Max		25°C	10V	4.5V	2.5V	1.8V				1.25V
				V	V		A	mΩ	mΩ	mΩ	mΩ				mΩ
SPP1413A	P	20	12	0.35	0.8	2.3		130	150	190		0.95	SOT-353	Active	
SPN1423A	N	20	12	0.4	1.0	2.4		80	90	110	140	0.95	SOT-353	Active	
SPP1433A	P	30	12	0.4	1.0	2.3	120	135	165	195		0.95	SOT-353	Active	
SPN1443A	N	30	12	0.8	1.6	2.4	95	105	135			0.95	SOT-353	Active	

Trench Power MOSFET (SOT-363 / SC-70-6L)

Part No.	TYPE	VDSS	VGS	VTH		IDS	RDS(Max)					PD	Package	Status	
				Min	Max		25°C	10V	5.0V	4.5V	2.5V				1.8V
				V	V		A	Ω	Ω	Ω	Ω				Ω
SPP6308	P	20	12	0.35	0.8	1.0			0.52	0.70	0.95	0.35	SOT-363	Active	
	P	20	12	0.35	0.8	1.0			0.52	0.70	0.95				
SPN6335	N	20	12	0.35	1.0	1.2			380	450	800	0.35	SOT-363	Active	
	N	20	12	0.35	1.0	1.2			380	450	800				
SPN7002D	N	60	20	1.0	2.5	0.5	5.0	5.5				0.35	SOT-363	Active	
	N	60	20	1.0	2.5	0.5	5.0	5.5							

Trench Power MOSFET (SOP-8P)

Part No. Datasheet	TYPE	VDSS V	VGS V	VTH		IDS 25°C A	RDS(Max)				PD 25°C W	Package	Status
				Min V	Max V		10V mΩ	4.5V mΩ	2.5V mΩ	1.8V mΩ			
				SPP9435	P		30	20	1.0	3.0			
SPP9235	P	25	20	1.0	2.0	8.0	45	65			2.8	SOP-8P	Develop
SPP9437	P	30	12	0.4	1.0	6.8	45	50	65		2.8	SOP-8P	Active
SPP9547	P	40	20	1.0	3.0	6.8	55	80			2.8	SOP-8P	Active
SPN4426	N	20	12	0.4	1.0	7.4		28	38	42	2.8	SOP-8P	Active
SPN4412	N	30	20	1.0	3.0	6.8	28	36			2.8	SOP-8P	Active
SPN4346	N	30	12	0.8	1.6	6.8	26	34	40		2.8	SOP-8P	Active
SPN4392	N	30	20	0.6	1.6	22	8	11			2.8	SOP-8P	Develop
SPP4953	P	30	20	1.0	3.0	6.2	60	90			2.8	SOP-8P	Active
	P	30	20	1.0	3.0	6.2	60	90					
SPN4920	N	30	20	1.0	3.0	6.8	28	36			2.8	SOP-8P	Active
	N	30	20	1.0	3.0	6.8	28	36					
SPC4539	P	30	20	1.0	3.0	6.2	34	46			2.8	SOP-8P	Develop
	N	30	20	1.0	3.0	6.8	60	80					

Trench Power MOSFET (TO-252-2L)

Part No. Datasheet	TYPE	VDSS V	VGS V	VTH		IDS 25°C A	RDS(Max)					PD 25°C W	Package	Status
				Min V	Max V		10V mΩ	5.0V mΩ	4.5V mΩ	2.5V mΩ	1.8V mΩ			
				SPP2095	P		20	12	0.32	0.8	12			
SPN2054	N	20	12	0.36	1.0	12	40		45	50	60	40	TO-252-2L	Active
SPP3095	P	30	20	1.0	3.0	12	100		135			40	TO-252-2L	Active
SPN3055	N	30	20	1.0	3.0	12	60		80			40	TO-252-2L	Active
SPP3052	P	30	20	1.0	3.0	25	50	85				40	TO-252-2L	Active
SPN8882	N	30	20	0.8	2.4	60	10		14			40	TO-252-2L	Develop

Trench Power MOSFET (TO-251)

Part No. Datasheet	TYPE	VDSS V	VGS V	VTH		IDS 25°C A	RDS(Max)					PD 25°C W	Package	Status
				Min V	Max V		10V mΩ	5.0V mΩ	4.5V mΩ	2.5V mΩ	1.8V mΩ			
				SPN8882	N		30	20	0.8	2.4	60			

Trench Power MOSFET (SOT-23-6L)

TYPE	VDSS	VGS	VTH	IDS	RDS(Max)					PD	Package	Status
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Part No.		V	V	VTH		IDS	RDS(Max)				PD		
				Min	Max	A	mΩ	mΩ	mΩ	mΩ	W		
SPP6506	P	30	20	1.0	3.0	2.8	105	135			1.15	SOT-23-6L	Active
	P	30	20	1.0	3.0	2.8	105	135					
SPP6507	P	30	12	0.4	1.0	2.8		115	150	215	1.15	SOT-23-6L	Active
	P	30	12	0.4	1.0	2.8		115	150	215			
SPN6561	N	30	20	1.0	3.0	2.8	60	80			1.15	SOT-23-6L	Active
	N	30	20	1.0	3.0	2.8	60	80					
SPN6562	N	30	12	0.8	1.6	2.8		75	105		1.15	SOT-23-6L	Active
	N	30	12	0.8	1.6	2.8		75	105				

Trench Power MOSFET (TSOP-6P)

Part No.	TYPE	VDSS	VGS	VTH		IDS	RDS(Max)					PD	Package	Status	
				Min	Max		25°C	10V	4.5V	2.5V	1.8V	1.25V			25°C
				V	V		A	mΩ	mΩ	mΩ	mΩ	mΩ			W
SPP3481	P	30	20	1.0	3.0	5.2	55	75				1.15	TSOP-6P	Develop	
SPN3456	N	30	20	1.0	3.0	6.0	40	50				1.15	TSOP-6P	Develop	
SPC6601	P	30	12	0.4	1.0	2.6	105	120	150			1.15	TSOP-6P	Active	
	N	30	12	0.8	1.6	2.5	68	78	108						
SPC6602	P	30	20	1.0	3.0	2.6	105	135				1.15	TSOP-6P	Active	
	N	30	20	1.0	3.0	2.5	60	80							
SPC6604	P	20	12	0.35	0.8	3.4		85	110	130	200	1.15	TSOP-6P	Active	
	N	20	12	0.4	1.0	4.0		50	60	75	120				

Trench Power MOSFET + Schottky (TSOP-6P)

Part No.	TYPE	VDSS	VGS	VTH		IDS	VF	RDS(Max)				PD				
				Min	Max			25°C	0.5A	10V	4.5V	2.5V			1.8V	25°C
				V	V			A	V	mΩ	mΩ	mΩ			mΩ	W
	P	30	12	0.4	1.0	2.6		105	120	150						
	Schottky	20				1.0	0.5									

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