

Surface Mount Power MOSFETs

Part Number	V _{DS} (V)	R _{DS(on)}		Max (Ω)	V _{GS} (V)	I _D (A)	P _D (W)	Remarks
		10V	4.5V					
SuperSOT™-6								
N-Channel								
NDC631N	20		0.06	0.075	4.1	1.6		Single
FDC6303N**	25		0.5	0.7	0.68	0.9		Dual
FDC6301N*	25		4	5	0.2	0.9		Dual
NDC651N	30	0.06	0.09		3.2	1.6		Single
NDC7002N	50	2	4		0.51	0.96		Dual
P-Channel								
NDC632P	-20		0.14	0.2	-2.7	1.6		Single
FDC6304P*	-25		1.1	1.5	-0.48	0.9		Dual
FDC6302P**	-25		10	12	-0.12	0.9		Dual
NDC652P	-30	0.11	0.18		-2.4	1.6		Single
NDC7003P	-50	5	7.5		-0.34	0.96		Dual
Complementary N-P Channel								
FDC6321C**	25		0.5	0.7	0.68	0.9		N-Ch
	-25		1.1	1.5	-0.48	0.9		P-Ch
FDC6322L**	25		4	5	0.2	0.9		N-Ch
	-25		1.1	1.5	-0.48	0.9		P-Ch
FDC6320C**	25		4	5	0.2	0.9		N-Ch
	-25		10	12	-0.12	0.9		P-Ch
NDC7001C	50	2	4		0.51	0.96		N-Ch
	-50	5	7.5		-0.34	0.96		P-Ch
Part Number	V _{DS} (V)	R _{DS(on)}		Max (Ω)	V _{GS} (V)	I _D (A)	P _D (W)	Config
		10V	4.5V					
SuperSOT™-8								
N-Channel								
NDH833N	20		0.02	0.025	7.1	1.8		Single
NDH831N	20		0.03	0.04	5.8	1.8		Single
NDH8303N*	20		0.035	0.045	3.8	0.8		Dual
NDH8301N	20		0.06	0.075	3	0.8		Dual
NDH853N*	30	0.018	0.025		7.6	1.8		Single
NDH8436	30	0.03	0.045		5.8	1.8		Single
NDH8503N*	30	0.035	0.05		3.8	0.8		Dual
NDH8501N	30	0.07	0.1		2.8	0.8		Dual
P-Channel								
NDH834P*	-20		0.035	0.045	-5.6	1.8		Single
NDH832P	-20		0.06	0.08	-4.2	1.8		Single
NDH8304P*	-20		0.07	0.095	-2.7	0.8		Dual
NDH8302P	-20		0.13	0.19	-2	0.8		Dual
NDH854P*	-30	0.035	0.052		-5.1	1.8		Single
NDH8447	-30	0.063	0.095		-4.4	1.8		Single
NDH8504P	-30	0.07	0.115		-2.7	0.8		Dual
NDH8502P	-30	0.11	0.18		-2.2	0.8		Dual
Complementary N-P Channel								
NDH8321C*	20		0.035	0.045	3.8	0.8		N-Ch
	-20		0.07	0.095	-2.7	0.8		P-Ch
NDH8320C	20		0.06	0.075	3	0.8		N-Ch
	-20		0.13	0.19	-2	0.8		P-Ch
NDH8521C*	30	0.035	0.05		3.8	0.8		N-Ch
	-30	0.07	0.115		-2.7	0.8		P-Ch
NDH8520C	30	0.07	0.1		2.8	0.8		N-Ch
	-30	0.11	0.18		-2.2	0.8		P-Ch

Part Number	V _{DS} (V)	R _{DS(on)}		Max (Ω)	V _{GS} (V)	I _D (A)	P _D (W)
		10V	4.5V				
SOT-223 Power SOT							
N-Channel							
NDT455N	30	0.015	0.02		11.5	3	
NDT453N	30	0.028	0.042		8	3	
NDT451AN	30	0.035	0.05		7.2	3	
NDT451N	30	0.05	0.08		5.5	3	
NDT3055	60	0.1			4	3	
NDT3055L	60		0.12		3.7	3	
NDT014L	60	0.16	0.2		2.8	3	
NDT014	60	0.2			2.7	3	
NDT410EL	100		0.25		2.1	3	
P-Channel							
NDT456P	-30	0.03	0.045		-7.5	3	
NDT454P	-30	0.05	0.08		-5.9	3	
NDT452AP	-30	0.065	0.1		-5	3	
NDT452P	-30	0.18	0.32		-3	3	
NDT2955	-60	0.3	0.5		-2.5	3	

*Preliminary information; samples available; full production release pending reliability completion.

**Advance information; please contact Discrete Power & Signal Technologies Marketing for updated information.

