

Surface Mount Power MOSFETs

Part Number	V <sub>DS</sub> (V)	R <sub>DS(on)</sub>		Max (Ω) V <sub>GS</sub> Ⓢ	I <sub>D</sub> (A)	P <sub>D</sub> (W)	Remarks
		10V	4.5V				
<b>SuperSOT™-6</b>							
<b>N-Channel</b>							
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	
<b>P-Channel</b>							
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	0.16	-2.4	1.6	Single	
NDC7003P	-50	5	7.5	-0.34	0.96	Dual	
<b>Complementary N-P Channel</b>							
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 <sub>DS</sub> (V)	R <sub>DS(on)</sub>		Max (Ω) V <sub>GS</sub> Ⓢ	I <sub>D</sub> (A)	P <sub>D</sub> (W)	Config
		10V	4.5V				
<b>SuperSOT™-8</b>							
<b>N-Channel</b>							
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	
<b>P-Channel</b>							
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	
<b>Complementary N-P Channel</b>							
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	

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		10V	4.5V			
<b>SOT-223 Power SOT</b>						
<b>N-Channel</b>						
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	
<b>P-Channel</b>						
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.

