

Surface Mount Power MOSFETs

Part Number	V <sub>DS</sub> (V)	R <sub>DS(on)</sub>		I <sub>D</sub> (A)	P <sub>D</sub> (W)	Remarks
		10V	Max (Ω) 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>		I <sub>D</sub> (A)	P <sub>D</sub> (W)	Config
<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

Part Number	V <sub>DS</sub> (V)	R <sub>DS(on)</sub>		I <sub>D</sub> (A)	P <sub>D</sub> (W)
		10V	Max (Ω) 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.

