

HY MOSFET selector

MPN	Package	Type	ESD	V _{DS} (V)	I _D (A) T_J=25℃	V _{gs} (V)	V _{gs(th)} max (V)			R _{DS(ON)} mΩ @V _{gs} =						Q _g (nC)	Q _{gs} (nC)	Q _{gd} (nC)	C _{iss} (pF)	C _{oss} (pF)	C _{rss} (pF)	Remark
										10V		4.5V		2.5V								
					Min		Typ.	Max.	Typ.	Max.	Typ	Max.	Typ.	Max.								
HYS4947	SOP-8	P		-60	-4.7	±20	-1.0	-1.9	-3.0	60	70	72	94			23	5.1	4.9	1050	76	57	
HYN2P06	SOT-23	P		-60	-1.9	±20	-1.0	-1.9	-3.0	170	215	200	260			6.3	2.3	1.8	358	23	17	
HYP30P06	TO-220	P		-60	-30	±20	-1.0	-1.7	-2.5	24	30	28	45			55	10	25	3500	240	150	
HYP60P06	TO-220	P		-60	-61	±20	-1.0	-2.0	-3.0	13	16	15	20			98	16	25	4430	274	355	
HYD11P06	TO-252	P		-60	-11	±20	-1.0	-1.9	-3.0	171	195	203	240			6.3	2.3	1.8	364	41	12	
HYD20P06	TO-252	P		-60	-20	±20	-1.0	-1.9	-3.0	65	75	80	100			22	5	6.3	958	100	33	
HYD30P06	TO-252	P		-60	-30	±20	-1.0	-1.7	-2.5	24	30	28	45			55	10	25	3500	240	150	
HYD60P06	TO-252	P		-60	-61	±20	-1.0	-2.0	-3.0	14	17	16	20			94	18	24	4130	420	145	
HYS4457	SOP-8	P		-40	-6	±20	-1.0	-1.9	-3.0	37	45	54	68			21	5	4.5	911	99	67	
HYS13P04	SOP-8	P		-40	-13	±20	-1.0		-3.0	13	15	16	18									
HYD20P04	TO-252	P		-40	-20	±20	-1.0	-1.9	-3.0	35	45	57	80			20.3	5	4.3	921	91	78	
HYD45P04	TO-252	P		-40	-45	±20	-1.5	-2.0	-3.0	13	17	16	22			50	11	9.5	2760	260	85	
HYS9435	SOP-8	P		-30	-5.1	±20	-1.0	-1.5	-2.4	46	59	58	75.4			7	1.2	1.6	580	98	74	
HYSD4953	SOP-8	Dual P		-30	-5.1	±20	-1.0	-1.5	-2.4	46	59.8	58	75.4			7	1.2	1.6	580	98	74	
HYS4435	SOP-8	P		-30	-9.1	±20	-1.0	-1.5	-2.5	16	23	21	34			30	5.3	7.6	1500	327	276	
HYSD10P03	SOP-8	Dual P		-30	-10	±20	-1.0	-1.5	-2.5	16	23	21	34			30	5.3	7.6	1500	327	276	
HYS4407	SOP-8	P		-30	-12	±25	-1.2	-1.9	-2.8	10	12	16	25			30	4.7	10	2050	355	301	
HYN2303	SOT-23	P		-30	-3.2	±20	-1.0	-1.6	-2.5	60	80	75	100			8.5	2.3	1.5	230	50	27	
HYN2307	SOT-23	P		-30	-3.5	±20	-1.0	-1.5	-2.0	55	65	70	90			5.7	1.2	1.9	330	60	31	
HYN3407	SOT-23	P		-30	-4.3	±20	-1.0	-1.5	-2.4	50	65	60	75			6.8	1	1.4	580	98	74	
HYN3401	SOT-23	P		-30	-4.4	±12	-0.6	-0.9	-1.4	42	52	48	65			7.2	1.2	1.6	680	105	68	
HYNS3407	SOT-23-3	P		-30	-4.3	±20	-1.0	-1.5	-2.4	40	55	53	68			6.8	1	1.4	580	98	74	
HYNS3401	SOT-23-3	P		-30	-4.4	±12	-0.6	-0.9	-1.4	45.5	55	52	68			7.2	1.2	1.6	680	105	68	
HYN7P03	SOT-23-3	P		-30	-7	±20	-1.0	-1.5	-2.5	18.5	25	24.5	36			30	5.3	7.6	1500	327	276	
HYD30P03	TO-252	P		-30	-30	±20	-1.0	-1.8	-3.0	28	32	37	42			21	4	4.2	804	123	40	
HYD40P03	TO-252	P		-30	-43	±20	-1.2	-1.9	-2.8	10	12	16	25			21	5	4.2	804	123	40	
HYQ40P03	DFN3.3*3.3	P		-30	-40	±25	-1.2	-1.8	-2.8	9.8	15	15.5	25			29.8	4.7	10	2050	355	301	
HYD60P03	TO-252	P		-30	-60	±25	-1.2	-1.8	-2.8	4.5	7	8	11			30	5	10	2060	375	295	
HYD85P03	TO-252	P		-30	-80	±20	-1.0	-1.9	-3.0	6.7	8	8.4	11			88	12.5	19.5	3887	432	372	
HYD100P03	TO-252	P		-30	-100	±20	-1.0	-1.6	-2.5	4.0	5	6	7.5			30	8	6	6800	769	726	
HYQ55P02	DFN3.3*3.3	P		-20	-55	±10	-0.4	-0.6	-1.0			6.5	8.3	8	10	45	8.1	11.5	3150	625	555	
HYS13P02	SOP-8	P		-20	-13	±10	-0.4	-0.6	-1.0			14	18	17	22	18	4.8	5	2050	411	362	



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MPN	Package	Type	ESD	V _{DS} (V)	I _D (A)	V _{gs} (V)	V _{gs(th)} max (V)			R _{DS(ON)} mΩ @Vgs=						Q _g (nC)	Q _{gs} (nC)	Q _{gd} (nC)	C _{iss} (pF)	C _{oss} (pF)	C _{rss} (pF)	Remark
										10V		4.5V		2.5V								
					Tj=25℃		Min	Typ.	Max.	Typ.	Max.	Typ	Max.	Typ.	Max.							
HYN2301B	SOT-23	P		-20	-2	±10	-0.4	-0.6	-1.0			90	120	120	150	5.8	1.7	1.2	510	53	17	
HYN2301A	SOT-23	P		-20	-3.2	±10	-0.4	-0.6	-1.0			49	64	59	80	4.3	0.8	1.1	550	89	65	
HYN3415	SOT-23	P	Y	-20	-4	±10	-0.4	-0.6	-0.9			29	36	36	49	7.2	1.2	1.6	940	219	116	
HYN2305	SOT-23	P		-20	-5.4	±10	-0.4	-0.6	-1.0			28	40	36	75	7.2	1.2	1.6	830	132	85	
HYR1303	SOT-323	N		-20	-2.6	±12	-0.3	-0.6	-0.8			75	95	95	120	10	2.4	2.2	1100	200	40	
HYU55P02	TO-251	P		-20	-40	±10	-0.4	-0.6	-1.0			6.5	10	8	15	18	4.8	5	2050	411	362	
HYD55P02	TO-252	P		-20	-40	±10	-0.4	-0.6	-1.0			6.5	10	8	15	18	4.8	5	2050	411	362	
HYB2007	DFN2*3-6L	Dual N		20	7	±12	0.45	0.65	1.2			10.5	22	14	26	8.1	2.4	3.0	980	225	120	
HYN2302B	SOT-23	N		20	3	±10	0.5	0.9	1.2			35	50	40	80	2.8	0.5	0.6	255	48	25	
HYN2302A	SOT-23	N		20	4.3	±10	0.55	0.83	1.2			21	27	29	37	6.6	0.9	1.4	595	105	59	
HYN2300	SOT-23	N		20	4.5	±10	0.45	0.65	1.0			19.5	25	25	32	7.1	1.4	1.9	620	114	64	
HYN8810	SOT-23	N		20	7	±12	0.45	0.62	1.0			13	18	17	22	9.2	2.4	3	900	225	120	
HYN8205	SOT-23-6L	Dual N		20	4	±10	0.5	0.6	1.0			13	18	17	22	9.2	1.7	2.9	900	165	75	
HYD30N02	TO-252	N		20	30	±12	0.5	0.7	1.2			7.5	10			15	1.8	2.8	900	162	105	
HYD40N02	TO-252	N		20	40	±10	0.45	0.6	1.0			5.6	7	7.1	9	29	6	7	1700	305	145	
HYD60N02	TO-252	N		20	60	±10	0.45	0.6	1.0			4.5	6	5.5	8.8	65	15	13	2450	430	250	
HYD1402	TO-252	N		20	61.3	±12	0.45	0.7	1.2			6	9	9	12	24.2	5.7	10.8	2070	265	235	
HYD75N02	TO-252	N		20	75	±12	0.4	0.7	1.1			4.1	6	6.5	10	32	3	11	2800	353	265	
HYD90N02	TO-252	N		20	90	±10	0.4	0.62	1.0			3	4.5	3.6	5.5	105	25	21	3250	580	275	
HYT8205	TSSOP8	Dual N		20	6	±10	0.5	0.7	1.2			21	27	27	37	10	2.3	1.5	600	330	140	
HYQ30N03	DFN3.3*3.3	N		30	30	±20	1.0	1.5	2.5	8.5	11	10.5	15			28	7	5	950	204	121	
HYQ50N03	DFN3.3*3.3	N		30	50	±20	1.0	1.5	2.5	4.9	6	5.9	7			56	13	11	1630	336	195	
HYC90N03	PDFN5*6	N		30	90	±20	1.0	1.5	2.0	3.5	5	6.5	8			60	7	13	3877	445	320	
HYC7170	PDFN5*6	N		30	120	±20	1.0	1.7	2.2	2.1	2.6	3	3.9			102	16	22	5050	525	445	
HYS9N03	SOP-8	N		30	8.5	±20	1.0	1.5	2.2	18	25	24	35			5.2	0.9	1.3	490	92	18	
HYSD9N03	SOP-8	Dual N		30	8.5	±20	1.0	1.5	2.2	19	25	25	35			5.2	0.9	1.3	490	92	68	
HYS12N03	SOP-8	N		30	12	±20	1.0	1.5	2.5	8	12	11	15			28	7	5	950	204	121	
HYSD12N03	SOP-8	Dual N		30	12	±20	1.0	1.5	1.5	10.5	15	13.5	20			28	7	5	950	204	121	
HYS18N03	SOP-8	N		30	18	±20	0.8	1.5	2.0	4.8	5.5	7.6	10			60	7	13	3877	445	320	
HYN2304	SOT-23	N		30	3.6	±20	1.0	1.5	2.2	32	45	40	55			4.2	1	1.3	390	67	41	
HYN3402	SOT-23	N		30	4	±12	1.2	1.5	2.4	40	55	48	65			4.3	0.86	0.68	237	46	18	
HYN3400	SOT-23	N		30	5.8	±12	0.65	1.0	1.5	25	40	30	45			9.7	1.6	3.1	823	100	77	

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										10V		4.5V		2.5V								
					Tj=25℃		Min	Typ.	Max.	Typ.	Max.	Typ	Max.	Typ.	Max.							
HYR1302	SOT-323	N		30	2.6	±12	0.7	1.1	1.4			70	100	95	135	5.2	1.8	1.4	250	29	4	
HYU50N03	TO-251	N		30	50	±20	1.0	1.5	2.5	6.5	9	8.6	11			23	7	4.5	1520	240	132	
HYU90N03	TO-251	N		30	90	±20	0.8	1.2	2.0	3.5	4.5	6.5	7.5			60	7	13	3877	445	320	
HYD30N03	TO-252	N		30	30	±20	1.0	1.5	2.2	10	14	13	25			17.5	3	4.1	938	142	99	
HYD40N03	TO-252	N		30	40	±21	1.0	1.5	2.2	7.6	10	11	17									
HYD50N03	TO-252	N		30	50	±20	1.0	1.5	2.5	6.5	9	8.6	11			23	7	4.5	1520	240	132	
HYD60N03	TO-252	N		30	60	±20	1.0	1.5	2.5	5	8	8.6	12			28	7	5	920	198	114	
HYD70N03	TO-252	N		30	70	±20	1.0	2.0	3.0	5.5	6.6	8.5	11			38	8	11	1620	255	80	
HYD90N03	TO-252	N		30	90	±20	0.8	1.2	2.0	3.5	4.5	6.5	7.5			60	7	13	3877	445	320	
HYD100N03	TO-252	N		30	100	±20	1.0	2.0	3.0	2.9	3.4	4.8	6.3			62	13	17	2892	311	277	
HYD160N03	TO-252	N		30	150	±20	1.0	1.7	2.2	2.4	3	3.4	4.5			102	16	22	5050	525	445	
HYC120N04	PDFN5*6	N		40	120	±20	1.0	1.7	2.5	3.0	3.8	4.5	5.5			65	12.5	15	5595	411	340	
HYS4456	SOP-8	N		40	8	±20	1.0	2.0	3.0	20	24	31	39			15	3.4	3.8	539	76	24	
HYS10N04	SOP-8	N		40	10	±20	1.0	1.5	2.5	12.5	15	15.5	20			15	3	2.5	750	150	80	
HYSD10N04	SOP-8	Dual N		40	10	±20	1.0	1.5	2.5	13	17	16	22			15	3	2.5	750	150	80	
HYN2318	SOT-23	N		40	5	±20	1.0	1.5	2.4	30	45	40	60			16	3.6	3.9	340	60	30	
HYP100N04	TO-220	N		40	100	±20	1.0	2.0	3.0	4.5	4.7	6.5	9			57	9	11	3046	386	232	
HYP120N04	TO-220	N		40	120	±20	1.0	1.6	2.5	3.0	3.8	4.5	5.5			65	12.5	15	5595	411	340	
HYP250N04	TO-220	N		40	250	±20	1.0	1.8	3.0	2.0	2.5	2.7	4			73.8	19.9	9.9	4485	894	469	
HYD20N04	TO-252	N		40	22	±20	1.0	2.0	3.0	22	28	35	45			15	4	3.5	539	75	23	
HYD30N04	TO-252	N		40	30	±21	1.0	1.5	2.5	13	17	18	25									
HYD40N04	TO-252	N		40	40	±20	1.0	1.5	2.5	11	13	15	23			15	3	2.5	750	150	80	
HYD50N04	TO-252	N		40	50	±20	1.0	1.5	2.5	7.5	10	10.5	16			20	4.5	6	1200	178	118	
HYD60N04	TO-252	N		40	60	±20	1.0	1.5	2.5	5.5	7	8	9.5			29	6	7	2225	187	167	
HYD80N04	TO-252	N		40	80	±20	1.0	1.7	2.5	4.7	7	7.8	11			61	15.3	14.5	4950	910	500	
HYD120N04	TO-252	N		40	120	±20	1.0	1.7	2.5	3.0	4.0	4.5	6			65	12.5	16	5595	411	340	
HYH250N04	TO-263	N		40	250	±20	1.0	1.8	3.0	2.0	2.5	2.7	4			73.8	19.9	9.9	4485	894	469	
BSS138	SOT-23	N		50	0.34	±20	0.8	1.2	1.6	1.1Ω	2.5Ω	1.2Ω	3.0Ω			1.7	0.3	0.6	17.5	11.5	6.5	
HYP3205	TO-220	N		55	110	±20	2.0	3.0	4.0	7	10					146	35	54	3200	760	220	
HYSD5N06	SOP-8	Dual N		60	5	±20	1.0	1.8	2.5	26	39	31	45			15	2.4	2.5	800	72	38	
HYS6N06	SOP-8	N		60	6	±20	1.0	1.5	2.5	25	39	30	40			15	2.4	2.5	800	72	38	
HYS4438	SOP-8	N		60	8.2	±20	1.0	1.5	2.5	14.5	22	17	34			48	7	10	1550	191	133	

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										10V		4.5V		2.5V								
					Tj=25℃		Min	Typ.	Max.	Typ.	Max.	Typ	Max.	Typ.	Max.							
HYS12N06	SOP-8	N		60	12	±20	1.2	1.7	2.5	8.2	10	10.5	13			31	6	5	1980	470	14	
HYL3N06	SOT-223	N		60	3	±20	1.0	1.3	2.0	78	105	85	120			5.1	1.3	1.7	330	90	17	
2N7002	SOT-23	N		60	0.34	±30	1.0	1.4	2.5	1.2Ω	2.5Ω	1.3Ω	3.0Ω			1.7	0.32	0.54	18	12	7	
2N7002K	SOT-23	N	Y	60	0.34	±20	1.0	1.4	2.0	1.3Ω	2.5Ω	1.4Ω	3.0Ω			1.7	0.32	0.54	18	12	7	
HYN3N06	SOT-23	N		60	3	±20	1.0	1.3	2.0	86	100	92	120			5.1	1.3	1.7	330	90	17	
HYJ3N06	SOT-89	N		60	3	±20	1.0	1.3	2.0	78	105	90	120			6	1	1.3	247	34	19.5	
HYP50N06	TO-220	N		60	50	±20	1.0	1.7	3.0	12.5	16	16	20			50	6	15	2050	160	120	
HYP60N06	TO-220	N		60	60	±20	2.0	3.0	4.0	8	10					57	16	13	4050	280	180	
HYP120N06	TO-220	N		60	120	±20	2.0	3.0	4.0	6.5	8					51	22	15	3396	435	151	
HYD20N06	TO-252	N		60	20	±20	1.0	1.5	2.5	34	43	36	47			14	2.5	5.6	800	68	36	
HYD50N06	TO-252	N		60	50	±20	1.0	1.7	3.0	11.5	15	15	19			50	6	15	2050	160	120	
HYD80N06	TO-252	N		60	80	±20	1.0	1.7	2.5	6.6	8.5	9.3	11			31	6	5	1980	470	14	
HYD95N08	TO-252	N		80	95	±25	2.0	3.0	4.0	6.2	7.5					106	19	48	5053	442	145	
HYH95N08	TO-263	N		80	95	±25	2.0	3.0	4.0	6.2	7.5					106	19	48	5053	442	145	
HY85N12	TO-220	N		85	120	±20	2.0	3.0	3.5	5.4	6					128	23	58	7288	640	189	
HY85NF12	TO-263	N		85	120	±20	2.0	3.0	3.5	5.4	6					128	23	58	7288	640	189	
HYS10N10	SOP-8	N		100	10	±20	0.9	1.3	1.8	14	17	15	20			90	10	24	3835	178	153	
HYL4N10	SOT-223	N		100	4	±20	1.1	1.8	3.0	95	110	100	120			16	2.5	2.6	800	40	32	
BSS123	SOT-23	N		100	0.2	±20	1.0	1.8	2.5	3.3Ω	5.0Ω	3.5Ω	5.5Ω			1.8	0.25	0.5	14	10	5	
HYN2N10	SOT-23	N		100	2	±20	1.1	1.8	3.0	250	280	260	310			5.3	1.4	1.8	330	88	17	
HYJ2N10	SOT-89	N		100	2	±20	1.1	1.8	3.0	250	280	260	310			5.3	1.4	1.8	330	88	17	
HYJ4N10	SOT-89	N		100	4	±20	1.1	1.8	3.0	95	110	100	120			16	2.5	2.6	800	40	32	
HYP15N10	TO-220	N		100	15	±20	1.0	1.8	3.0	95	110	100	120			16	2.5	2.6	785	38	30	
HYP540	TO-220	N		100	33	±20	2.0	3.0	4.0	30	44					37	11	8	2680	280	30	
HYP3710	TO-220	N		100	57	±20	2.0	3.0	4.0	17	23					92	19	41	2780	630	150	
HYP120N10	TO-220	N		100	118	±20	2.5	3.0	4.0	6.5	7.7					139	30.2	52.1	6986	680	170	
HYD15N10	TO-252	N		100	15	±20	1.0	1.8	3.0	95	110	100	120			16	2.5	2.6	785	38	30	
HYD30N10	TO-252	N		100	30	±20	1.2	1.5	2.5	14.5	20	15	25			16.2	2.8	4.1	1000	185	20	
HYD540	TO-252	N		100	33	±20	2.0	3.0	4.0	30	44					37	8	11	2680	280	30	
HYD40N10	TO-252	N		100	40	±20	1.0	1.7	2.5	13.5	18	17	25			19.8	2.4	5.3	1190	195	5	
HYH3710	TO-263	N		100	57	±20	2.0	3.0	4.0	17	23					92	19	41	2780	630	150	
HYP160N11	TO-220	N		110	160	±20	2.5	3.0	4.0	3.3	4					117	40	37	6920	1026	33.4	

HY MOSFET selector

MPN	Package	Type	ESD	V _{DS} (V)	I _D (A)	V _{gs} (V)	V _{gs(th)} max (V)			R _{DS(ON)} mΩ @Vgs=						Q _g (nC)	Q _{gs} (nC)	Q _{gd} (nC)	C _{iss} (pF)	C _{oss} (pF)	C _{rss} (pF)	Remark
										10V		4.5V		2.5V								
					Tj=25℃		Min	Typ.	Max.	Typ.	Max.	Typ	Max.	Typ.	Max.							
HYH160N11	TO-263	N		110	160	±20	2.5	3.0	4.0	3.3	4					117	40	37	6920	1026	33.4	
HYP60N12	TO-220	N		120	60	±20	1.0	1.8	2.5	14	18	17	22			39.6	6.8	8	2810	356	9	
HYP9N20	TO-220	N		200	9	30	2.0	3.0	4.0	0.25Ω	0.3Ω					16	3	6	670	78	30	
HYF18N20	TO-220F	N		200	18	±30	2.0	3.0	4.0	0.12Ω	0.18Ω					24	7.5	9.5	1140	180	25	
HYD9N20	TO-252	N		200	9	±20	2.0	3.0	4.0	0.25Ω	0.3Ω					16	3	6	670	78	30	
HYD18N20	TO-252	N		200	18	±30	2.0	3.0	4.0	0.12Ω	0.18Ω					24	7.5	9.5	1140	180	25	
HYNS2326A	SOT-23-3L	N		250	0.4	±20	1.0		3.0	4.5Ω	4.5Ω	4.5Ω	5.5Ω			11.2	2.6	0.9	361	16	5.6	
HYF9N50	TO-220F	N		500	9	±30	2.0	3.0	4.0	0.8Ω	1.2Ω					28	4	15	790	130	24	
HYF13N50	TO-220F	N		500	13	±30	2.0	3.0	4.0	0.4Ω	0.55Ω					44	6.7	18.5	1570	600	29	
HYF20N50	TO-220F	N		500	20	±30	2.0	3.0	4.0	0.26Ω	0.3Ω					63	14	24	2864	286	25	
HYU5N50	TO-251	N		500	5	±30	2.0	3.0	4.0	1.35Ω	1.5Ω					26	4	15	560	45	17	
HYF4N60	TO-220F	N		600	4	±30	2.0	3.0	4.0	2.1Ω	2.5Ω					14.5	2.6	6.5	590	55	4	
HYF7N60	TO-220F	N		600	7	±30	2.0	3.0	4.0	0.9Ω	1.2Ω					25	4	20	1050	100	10	
HYF8N60	TO-220F	N		600	8	±30	2.0	3.0	4.0	0.8Ω	1.2Ω					32	5	16	1110	129	20	
HYF10N60	TO-220F	N		600	10	±30	2.0	3.0	4.0	0.68Ω	0.85Ω					32	8	12	1580	165	18	
HYF60R350	TO-220F	N		600	11	±30	2.0	3.0	4.5	0.31Ω	0.35Ω					21	4	7	910	42	4.5	
HYF12N60	TO-220F	N		600	12	±30	2.0	3.0	4.0	0.55Ω	0.7Ω					40	10	14.5	1500	175	20	
HYF16N60	TO-220F	N		600	16	±30	2.0	3.0	4.0	0.41Ω	0.5Ω					54	12	21	2442	220	19	
HYU2N60	TO-251	N		600	2	±30	2.0	3.0	4.0	3.6Ω	4.5Ω					8.5	1.5	4	280	31	5.4	
HYD4N60	TO-252	N		600	4	±30	2.0	3.0	4.0	2.1Ω	2.5Ω					14.5	2.6	6.5	590	55	4	
HYD7N60	TO-252	N		600	7	±30	2.0	3.0	4.0	0.9Ω	1.2Ω					25	4	20	1050	100	10	
HYD60R350	TO-252	N		600	11	±30	2.0	3.0	4.5	0.31Ω	0.35Ω					21	4	7	910	42	4.5	
HYF4N65	TO-220F	N		650	4	±30	2.0	3.0	4.0	2.5Ω	2.8Ω					14.5	3	6	544	55	8.5	
HYF7N65	TO-220F	N		650	7	±30	2.0	3.0	4.0	1.2Ω	1.4Ω					24	5	8	1080	93	5.5	
HYF8N65	TO-220F	N		650	8	±30	2.0	3.0	4.0	0.85Ω	1.3Ω					28	5.8	11.2	1250	120	15	
HYF10N65	TO-220F	N		650	10	±30	2.0	3.0	4.0	0.73Ω	0.9Ω					32	8	12	1640	128	7	
HYF12N65	TO-220F	N		650	12	±30	2.0	3.0	4.0	0.6Ω	0.75Ω					44	9	20	2050	170	18	
HYF16N65	TO-220F	N		650	16	±30	2.0	3.0	3.0	0.45Ω	0.55Ω					40	13	7	2400	225	105	
HYF20N65	TO-220F	N		650	20	±30	2.0	3.0	4.0	0.36Ω	0.5Ω					65	11	26	2400	225	105	
HYF65R580	TO-220F	N		650	7	±30	2.0	3.0	4.0	0.53Ω	0.58Ω					10	2.5	4.5	550	40	4	COOLMOS
HYF65R380	TO-220F	N		650	11	±30	2.0	3.0	4.5	0.32Ω	0.38Ω					21	4	7	910	42	4.5	COOLMOS
HYF65R260	TO-220F	N		650	15	±30	2.0	3.0	4.0	0.22Ω	0.26Ω					20	5	6	725	85	7	COOLMOS

HY MOSFET selector

MPN	Package	Type	ESD	V _{DS} (V)	I _D (A) T_J=25℃	V _{gs} (V)	V _{gs(th)} max (V)			R _{DS(ON)} mΩ @Vgs=						Q _g (nC)	Q _{gs} (nC)	Q _{gd} (nC)	C _{iss} (pF)	C _{oss} (pF)	C _{rss} (pF)	Remark
										10V		4.5V		2.5V								
				Min	Typ.	Max.	Typ.	Max.	Typ	Max.	Typ.	Max.										
HYF65R180	TO-220F	N		650	20	±30	2.0	3.0	4.0	0.16Ω	0.16Ω					46	11	13	2320	120	7	COOLMOS
HYU5N65	TO-251	N		650	5	±30	2.0	3.0	4.0	2.0Ω	2.5Ω					17	3.8	9	590	55	9	
HYU7N65	TO-251	N		650	7	±30	2.0	3.0	4.0	1.2Ω	1.4Ω					24	5	8	1080	93	5.5	
HYD4N65	TO-252	N		650	4	±30	2.0	3.0	4.0	2.5Ω	2.8Ω					14.5	3	6	544	55	8.5	
HYD7N65	TO-252	N		650	7	±30	2.0	3.0	4.0	1.2Ω	1.4Ω					24	5	8	1080	93	5.5	
HYD65R580	TO-252	N		650	7	±30	2.0	3.0	4.0	0.56Ω	0.6Ω					10	2.5	4.5	550	40	4	COOLMOS
HYD65R380	TO-252	N		650	11	±30	2.0	3.0	4.5	0.32Ω	0.38Ω					21	4	7	910	42	4.5	COOLMOS
HYSD4606	SOP-8	P+N		-30	-5	±20	-1.0	-1.5	-2.4	40	55	53	68			6.8	1.0	1.4	580	98	74	
				30	6	±20	1.0	1.5	2.2	21	29	27	40			5.2	0.9	1.3	490	92	68	
HYSD4565	SOP-8	P+N		-40	-5.3	±20	-1.0	1.8	-3.0	36	44	47	60			20	4.1	4.9	859	126	41	
				40	6.9	±20	1.0	1.8	3.0	22	26.5	35	45			15	4.1	3.4	565	76	24	
HYSD4566	SOP-8	P+N		-60	-4.4	±20	-1.0	-1.5	-2.5	55	65	66	86			23.2	4.7	4.5	725	73	54	
				60	6.1	±20	1.0	1.5	2.5	28	34	32	42			21.4	3.1	4.9	636	90	54	