

Table 7 : DIII-H Series Typical Characteristics Cont'd

Package	Type Number	Absolute Maximum Ratings				Electrical Characteristics (typ.)						
		V _{DSS} (V)	V _{GSS} (V)	I _D (A)	P _{ch} * (W)	R _{DS(on)} (Ω)		I _{yfs} (S) **	t _{on} (ns)	t _{off} (ns)	C _{iss} (pF)	
						typ.	max.					
TO-3P	2SK2007	250	± 30	20	100	0.12	0.15	14	155	290	2340	
	2SK1669			30	125	0.075	0.095	20	215	420	3100	
	2SK1671					0.075	0.095	20	215	380	3000	
	2SK1401	300		8	100	0.25	0.35	9.5	95	155	1250	
	2SK1401A	350				0.3	0.4					
	2SK1161	450				0.6	0.8	7	75	135	1050	
	2SK1162	500				0.7	0.9					
	2SK1163	450				11	0.55	0.7	8	77	145	1150
	2SK1164	500					0.6	0.8				
	2SK1165	450				12	0.4	0.55	10	90	180	1450
	2SK1166	500					0.45	0.6				
	2SK1167	450				15	0.25	0.36	13	140	220	2050
	2SK1168	500					0.3	0.4				
	2SK1169	450		20	120	0.2	0.25	16	147	290	2800	
	2SK1170	500				0.22	0.27					
	2SK1515	450		10	100	0.6	0.8	7	80	150	1100	
	2SK1516	500				0.7	0.9					
	2SK1517	450		20	120	0.2	0.25	16	165	345	3050	
	2SK1518	500				0.22	0.27					
	2SK1403	600		8	100	0.9	1.3	6.5	65	150	1180	
	2SK1403A	650				1	1.4					
	2SK1968	600		12	100	0.68	0.88	10	95	210	1800	
	2SK1573			15	125	0.35	0.5	14	140	340	3150	
	2SK1339			3	80	5	7	1.9	50	105	425	
	2SK1340	900		5	100	3	4	3.2	85	180	740	
	2SK1341			6		2	3	2.7	100	225	980	
	2SK1342			8		1.2	1.6	5.5	160	315	1730	
	2SK1933			10		150	0.9	1.2	7	170	455	2620
	2SK1773	1000		5	100	1.5	2	5	135	345	1700	
TO-3P-FM	2SK1934	1000	± 30	8	150	1.2	1.6	6	170	505	2690	
	2SK2008	250		20	60	0.12	0.15	14	155	290	2340	
	2SK1670			30	60	0.07	0.095	20	215	420	3100	
	2SK1831	450		10	50	0.6	0.8	7	75	135	1050	
	2SK1832	500				0.7	0.9					
	2SK1328	450		12	60	0.4	0.55	10	90	180	1450	
	2SK1329	500				0.45	0.6					
	2SK1405	600		15	60	0.35	0.5	14	155	340	3150	
	2SK1859	900		6	60	2	3	3.7	100	225	980	
	2SK1775			8	60	1.2	1.6	5.5	160	315	1730	
TO-3PL	2SK1947	250	± 30	50	200	0.047	0.055	30	345	620	5810	
	2SK1948			50	200	0.047	0.055	30	330	620	5830	
	2SK1519	30		200	0.11	0.15	25	235	615	5800		
	2SK1520				0.12	0.16						
	2SK1521	50		250	0.08	0.1	35	335	850	8700		
	2SK1522				0.085	0.11						
	2SK1628	450		30	200	0.2	0.25	20	172	300	2800	
	2SK1629	500				0.22	0.27					
	2SK1971	500		35	200	0.19	0.23	24	220	450	4320	
	2SK1526	450		40	250	0.11	0.15	30	235	580	5800	
	2SK1527	500				0.12	0.16					
	2SK1836	450		50	250	0.08	0.1	35	330	770	8150	
	2SK1837	500				0.085	0.11					
	TO-3	2SK1371		450	± 30	20	125	0.28	0.33	16	147	290
2SK1372		500	0.3	0.35								

Notes :

* : Value at T_c = 25°C** : Test condition R_{DS(on)} : V_{GS} = 4V, 10V, I_D = 1/2 I_D max (DC)I_{yfsl} : V_{DS} = 10V, I_D = 1/2 I_D max (DC)

□ : Built in high speed diode version