

Power MOSFET

20V MOSFET series



SOP-8

N-Channel, Enhancement type

Type No.	Absolute Maximum Ratings					Electrical Characteristics					Outline	
	Tch [°C]	V _{DSS} [V]	V _{GSS} [V]	I _D [A]	P _T [W]	R _{DS(ON)} V _{GS} =2.5V (max) [Ω]	C _{iss} (typ) [pF]	C _{rss} (typ) [pF]	t _{on} (typ) [ns]	t _{off} (typ) [ns]	Package	Fig.
F6H2ND	150	20	±12	5	2	0.047	700	95	100	170	SOP-8	94
F7H2N				7	2	0.029	1450	170	230	215		

* : D : Dual, without D is Single

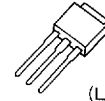
30V MOSFET series



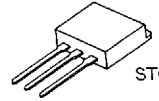
SOP-8



E-pack
(SMD)



E-pack
(Lead type)



STO-220

N-Channel, P-Channel, Enhancement type

Type No.	Absolute Maximum Ratings					Electrical Characteristics					Outline	
	Tch [°C]	V _{DSS} [V]	V _{GSS} [V]	I _D [A]	P _T [W]	R _{DS(ON)} V _{GS} =4V (max) [Ω]	C _{iss} (typ) [pF]	C _{rss} (typ) [pF]	t _{on} (typ) [ns]	t _{off} (typ) [ns]	Package	Fig.
2SK2816	150	30	±20	5	10	0.16	180	40	30	60	E-pack	80-4
2SK2817				10	15	0.1	300	60	60	100		
2SK2818				15	20	0.07	440	90	95	150		
2SK2819				20	25	0.04	730	150	125	230		
2SK2820				45	55	0.02	1720	330	305	465		
2SK2821				70	70	0.01	3800	710	400	950		
2SJ487				-3	10	0.5	230	30	50	55		
2SJ488				-5	15	0.3	320	40	60	85		
2SJ489				-7	20	0.21	480	50	85	130		
2SJ490		-10	25	0.12	760	90	120	195				
2SJ491		-20	55	0.06	1900	210	245	385				
F4H3N		4	2	0.1	300	60	40	95				
F5H3N		5	2	0.07	440	90	50	140				
F8H3N		8	2	0.04	730	150	60	220				
F10H3N		10	2	0.023	1400	340	130	450				
F2H3ND		2.5	2	0.25	130	30	25	47				
F3H3ND		3	2	0.16	180	40	30	65				
F4H3ND		4	2	0.1	300	60	40	95				
F5H3ND		5	2	0.07	440	90	50	140				
F3H3P	-2.5	2	0.3	320	40	45	90					
F4H3P	-3.5	2	0.21	480	50	55	120					
F5H3P	-4.5	2	0.12	760	90	60	190					
F7H3P	-6.5	2	0.06	1550	210	160	550					
F3H3PD	-2.5	2	0.3	320	40	45	90					
F4H3PD	-3.5	2	0.21	480	50	55	120					
F3H3C	30	2.5	2	0.25	130	30	25	47				
	-30	-2.5	2	0.3	320	40	45	90				
F4H3C	30	4	2	0.1	300	60	40	95				
	-30	-3.5	2	0.21	480	50	55	120				

* : D : Dual, C : Complement, without D and C is Single

40V MOSFET series

N-Channel, Enhancement type

Type No.	Absolute Maximum Ratings					Electrical Characteristics					Outline	
	Tch [°C]	V _{DSS} [V]	V _{GSS} [V]	I _D [A]	P _T [W]	R _{DS(ON)} V _{GS} =4V (max) [Ω]	C _{iss} (typ) [pF]	C _{rss} (typ) [pF]	t _{on} (typ) [ns]	t _{off} (typ) [ns]	Package	Fig.
*F9H4N	150	40	±20	9	2	0.03	1500	220	110	380	SOP-8	94

* : New products

* : D : Dual, without D is Single

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