

Power MOSFET

20V MOSFET series



SOP-8

N-Channel, Enhancement type

Type No.	Absolute Maximum Ratings					Electrical Characteristics					Outline	
EIAJ No.	Tch	Vdss	Vgss	Id	Pr	RDS(ON) VGS=2.5V (max)	Ciss (typ)	Crss (typ)	ton (typ)	toff (typ)	Package	Fig.
	[°C]	[V]	[V]	[A]	[W]	[Ω]	[pF]	[pF]	[ns]	[ns]		
★F7H2N	150	20	±12	7	2	0.03	1450	170	230	215	SOP-8	92
★F5H2ND				5	1.5	0.05	700	95	100	170		

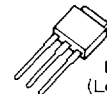
★ : Under development

* : D : Dual, without D is Single

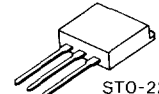
30V MOSFET series



SOP-8



E-pack
(Lead type)



STO-220

N-Channel, P-Channel, Enhancement type

Type No.	Absolute Maximum Ratings					Electrical Characteristics					Outline	
EIAJ No.	Tch	Vdss	Vgss	Id	Pr	RDS(ON) Vgs=4V (max)	Ciss (typ)	Crss (typ)	ton (typ)	toff (typ)		
	[°C]	[V]	[V]	[A]	[W]	[Ω]	[pF]	[pF]	[ns]	[ns]		
2SK2816	150	30	±20	5	10	0.16	180	40	30	60	E-pack	78-4
2SK2817				10	15	0.1	300	60	60	100		
2SK2818				15	20	0.07	440	90	95	150		
2SK2819				20	25	0.04	790	150	125	230	STO-220	76-2
2SK2820				45	55	0.02	1720	330	305	465		
2SK2821				70	70	0.01	3800	710	400	950		
2SJ487		-30		-3	10	0.5	230	30	50	55	E-pack	78-4
2SJ488				-5	15	0.3	320	40	60	85		
2SJ489				-7	20	0.21	480	50	85	130		
2SJ490				-10	25	0.12	870	90	120	195	STO-220	76-2
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			
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		-30		-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		
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		0.3		320	40	45	90			
F4H3C	30	4		2	0.1	300	60	40	95			
	-30	-3.5			0.21	480	50	55	120			

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