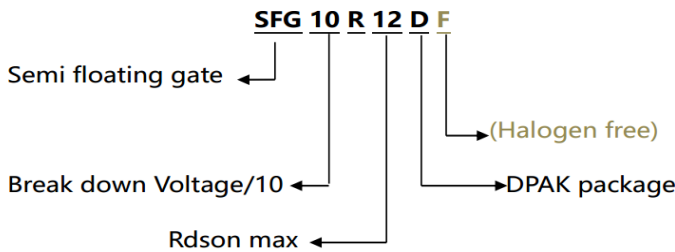


 东微半导体® ORIENTAL SEMI SFGMOS (30-200V) 											
Product Family	Product Name	Configuration	Package	MOQ	BV[V]	Id [A] 25℃	Vgs(th) [Typ V]	Rds(on) /mohm Vgs=10V		Qg [nC] at 10V	Features
								Typ.	Max.		
30V N-Ch	SFS03R01GF	Single_N	PDFN5*6	5000	25	140	3	0.8	1.3	109.3	high switching speed
	SFS03R01DF	Single_N	T0-252	2500	25	140	3	0.8	1.3	109.3	high switching speed
	SFS03R085UGF	Single_N	DFN56Clip	5000	30						Engineering
	SFS03R015GF	Single_N	PDFN5*6	5000	30						high switching speed
40V N-Ch	SFS04R013UGF	Single_N	DFN56Clip	5000	40	200	1.85	0.9	1.1	85.6	high switching speed
	SFS04R021GF	Single_N	PDFN5*6	5000	40						high switching speed
	SFS04R02GF	Single_N	PDFN5*6	5000	40	130	1.75	1.3	1.7	96.8	high switching speed
	SFS04R02PF	Single_N	T0-220	1000	40	130	1.9	1.5	2	96.8	high switching speed
	SFS04R02KF	Single_N	T0-263	800	40	130	1.9	1.5	2	96.8	high switching speed
	SFS04R02DF	Single_N	T0-252	2500	40	130	1.9	1.5	2	96.8	high switching speed
60V N-Ch	SFS06R02DF	Single_N	T0-252	2500	60	160	1.75	2.3	2.5	106	high switching speed
	SFS06R02PF	Single_N	T0-220	1000	60	160	1.75	2.3	2.5	106	high switching speed
	SFS06R02GF	Single_N	PDFN5*6	5000	60	160	1.75	2	2.3	103.5	high switching speed
	SFS06R02UGF	Single_N	DFN56Clip	5000	60				2		Engineering
	SFS06R03FF	Single_N	T0-220F	1000	60	130	1.75	3	3.5	66.1	high switching speed
	SFS06R03DF	Single_N	T0-252	2500	60	130	1.75	3	3.5	66.1	high switching speed
	SFS06R03BF	Single_N	SOP8	2500	60						high switching speed
	SFS06R03GF	Single_N	PDFN5*6	5000	60	130	1.75	2.5	3	66.1	high switching speed
	SFS06R03PF	Single_N	T0-220	1000	60	130	1.75	3	3.5	66.1	high switching speed
	SFS06R045UNF	Single_N	DFN3.3*3.3clip	5000	60						Engineering
	SFS06R06UGF	Single_N	DFN56Clip	5000	60				6		high switching speed
	SFS06R06LGF	Single_N	DFN56LL	5000	60				6		high switching speed
	SFS06R06FF	Single_N	T0-220F	1000	60	70	2	4.7	6	30	high switching speed
	SFS06R06PF	Single_N	T0-220	1000	60	70	1.75	4.7	6	30	high switching speed
	SFS06R06GF	Single_N	PDFN5*6	5000	60	70	1.75	4.7	6	30	high switching speed
	SFS06R06DF	Single_N	T0-252	2500	60	70	1.75	4.7	6	30	high switching speed
	SFS06R10PF	Single_N	T0-220	1000	60	68	1.75	7.5	10	18.4	high switching speed
	SFS06R10NF	Single_N	PDFN3.3*3.3	5000	60	46	1.75	7.5	10	18.4	high switching speed
	SFS06R10DF	Single_N	T0-252	2500	60	68	1.75	7.5	10	18.4	high switching speed
	SFS06R10BF	Single_N	SOP8	2500	60	12	1.75	9	11	18.4	high switching speed
	SFS06R10GF	Single_N	PDFN5*6	5000	60	46	1.75	7.5	10	18.4	high switching speed
	SFS130N06PF	Single_N	T0-220	1000	60	130	3	3.3	3.5	56.8	high switching speed
	SFS130N06GF	Single_N	PDFN5*6	5000	60	130	3	3.3	3.5	56.8	high switching speed
80V N-Ch	SFG08S10BF	Single_N	SOP8	2500	80	11	1.75	8.5	10	31.5	medium switching speed
	SFG08S10DF	Single_N	T0-252	2500	80		1.75	8.5	10	31.5	medium switching speed
	SFG08S06GF	Single_N	PDFN5*6	5000	80	100	1.9	4.8	5.5	60.2	medium switching speed
	SFS08R20BF	Single_N	SOP8	2500	80				20		high switching speed
	SFS08R08DF	Single_N	T0-252	2500	80	64	1.75	6.2	8	28.9	high switching speed
	SFS08R08BF	Single_N	SOP8	2500	80	16	1.75	6.2	8	28.9	high switching speed
	SFS08R07GF	Single_N	PDFN5*6	5000	80	64	1.75	5.9	7	28.9	high switching speed
	SFS08R03GNF	Single_N	PDFN5*6	5000	80						Engineering
	SFS08R06UNF	Single_N	DFN3.3*3.3clip	5000	80				8		Engineering
	SFG130N08PF	Single_N	T0-220	1000	80	130	3	3.8	4.5	101.6	medium switching speed
	SFG250N08KF	Single_N	T0-263	800	80	250	3	2.9	3.2	148.4	medium switching speed
	SFG250N08PF	Single_N	T0-220	1000	80	250	3	2.9	3.2	148.4	medium switching speed
	SFG280N08PF	Single_N	T0-220	1000	80	280	3	2.4	2.6	148.1	medium switching speed
	SFG280N08KF	Single_N	T0-263	800	80	280	3	2.4	2.6	148.1	medium switching speed
	SFG280N08K7F	Single_N	T0-263-7	800	80	280	3	2.4	2.6	148.1	medium switching speed
	SFG280N08TF	Single_N	TOLL	2500	80	280	3	2.4	2.6	148.1	medium switching speed
	SFG100N08PF	Single_N	T0-220	1000	80	100	3	6.5	8	60.7	medium switching speed
	SFG100N08KF	Single_N	T0-263	800	80	100	3	6.5	8	60.7	medium switching speed
	SFG100N08GF	Single_N	PDFN5*6	5000	80	100	3	6.5	8	60.7	medium switching speed
	SFS08R20PF	Single_N	T0-220	1000	80	45	1.75	14.7	20	16	high switching speed
	SFG08R16BF	Single_N	SOP8	2500	80	8	1.75	13	16	22.5	medium switching speed
	SFG08R16DF	Single_N	T0-252	2500	80	40	1.75	13	16	22.5	medium switching speed
	SFG08R08PF	Single_N	T0-220	1000	80	70	1.75	6.5	8	43.1	medium switching speed
	SFG08R08GF	Single_N	PDFN5*6	5000	80	70	1.75	6.5	8	43.1	medium switching speed
	SFG08R08DF	Single_N	T0-252	2500	80	70	1.75	6.5	8	43.1	medium switching speed
	SFG08R08BF	Single_N	SOP8	2500	80	16	1.75	6.2	8	28.9	medium switching speed
	SFG08R06GF	Single_N	PDFN5*6	5000	80	100	1.75	5.5	6.5	55.2	medium switching speed
	SFG08R06DF	Single_N	T0-252	2500	80	100	1.75	5.5	6.5	55.2	medium switching speed
	SFG10S25DF	Single_N	T0-252	2500	100	21	2	20	25	15.8	medium switching speed
	SFG10S20DF	Single_N	T0-252	2500	100	30	1.95	13.8	20	16.2	medium switching speed
	SFG10S20BF	Single_N	SOP8	2500	100						medium switching speed
	SFG10S20GF	Single_N	PDFN5*6	5000	100	30	1.95	13.8	20	16.2	medium switching speed
	SFG10S12BF	Single_N	SOP8	2500	100	12	2	9.2	12	32.1	medium switching speed
100V N-Ch	SFG10S10DF	Single_N	T0-252	2500	100	60	2	9	10	28.9	medium switching speed
	SFG10S10PF	Single_N	T0-220	1000	100	60	2	9	10	28.9	medium switching speed
	SFG10S10GF	Single_N	PDFN5*6	5000	100	60	2	9	10	28.9	medium switching speed
	SFG10S08GF	Single_N	PDFN5*6	5000	100	70	1.75	7	8	49.9	medium switching speed
	SFG10S08PF	Single_N	T0-220	1000	100	70	1.75	7	8	49.9	medium switching speed
	SFG10R140DF	Single_N	T0-252	2500	100	7	2	110	140	4.3	medium switching speed
	SFG10R75BCF	Dual N+N	SOP8	2500	100	3	1.85	50	75	6.5	medium switching speed

100V N-Ch	SFG10R75DF	Single_N	T0-252	2500	100	15	2.25	55	75	7.6	medium switching speed
	SFG10R50DF	Single_N	T0-252	2500	100	25	1.75	35	50	10.7	medium switching speed
	SFG10R20AF	Single_N	T0-251	4950	100	40	1.75	17	20	19.8	medium switching speed
	SFG10R20BF	Single_N	SOP8	2500	100	8	1.75	17	20	19.8	medium switching speed
	SFG10R20DF	Single_N	T0-252	2500	100	40	1.75	17	20	19.8	medium switching speed
	SFG10R20GF	Single_N	PDFN5*6	5000	100	40	1.75	17	20	19.8	medium switching speed
	SFG10R20PF	Single_N	T0-220	1000	100	40	1.75	17	20	19.8	medium switching speed
	SFG10R14BF	Single_N	SOP8	2500	100	11	2	11	14	34.4	medium switching speed
	SFG10R12GF	Single_N	PDFN5*6	5000	100	60	1.75	10	12	49.9	medium switching speed
	SFG10R10BF	Single_N	SOP8	2500	100	14	2	8.5	10	50	medium switching speed
	SFG10R10AF	Single_N	T0-251	4950	100	70	1.75	8.5	10	49.9	medium switching speed
	SFG10R10DF	Single_N	T0-252	2500	100	70	1.75	8.5	10	49.9	medium switching speed
	SFG10R10GF	Single_N	PDFN5*6	5000	100	70	1.75	8.5	10	49.9	medium switching speed
	SFG10R10PF	Single_N	T0-220	1000	100	70	1.75	8.5	10	49.9	medium switching speed
	SFG10R10FF	Single_N	T0-220F	1000	100	70	1.75	8.5	10	49.9	medium switching speed
	SFG10R10IF	Single_N	T0-262	1000	100	70	1.75	8.5	10	49.9	medium switching speed
	SFG10R12BF	Single_N	SOP8	2500	100	12	2	10	12	50	medium switching speed
	SFG10R08PF	Single_N	T0-220	1000	100	100	1.75	6.5	8	60.7	medium switching speed
	SFG10R08GF	Single_N	PDFN5*6	5000	100	100	1.75	5.8	7	60.7	medium switching speed
	SFG10R08BF	Single_N	SOP8	2500	100	16	1.75	6.5	8	60.7	medium switching speed
	SFG10R05IF	Single_N	T0-262	1000	100	130	3	4	5	91.7	medium switching speed
	SFG10S08DF	Single_N	T0-252	2500	100				8		medium switching speed
	SFG10S12DF	Single_N	T0-252	2500	100				12		medium switching speed
	SFG10S16GF	Single_N	PDFN5*6	5000	100				16		medium switching speed
	SFG12R10GNF	Single_N	PDFN5*6	5000	120				10		medium switching speed
	SFG100N10PF	Single_N	T0-220	1000	100	100	3	6.5	8	60.7	medium switching speed
	SFG100N10DF	Single_N	T0-252	2500	100	100	3	6.5	8	60.7	medium switching speed
	SFG100N10GF	Single_N	PDFN5*6	5000	100	100	3	6.5	8	60.7	medium switching speed
	SFG130N10PF	Single_N	T0-220	1000	100	130	3	4	5	101.6	medium switching speed
	SFG130N10FF	Single_N	T0-220F	1000	100	130	3	4	5	101.6	medium switching speed
	SFG130N10KF	Single_N	T0-263	800	100	130	3	4	5	101.6	medium switching speed
	SFG150N10PF	Single_N	T0-220	1000	100	150	3	2.9	3.2	147.3	medium switching speed
	SFG150N10KF	Single_N	T0-263	800	100	150	3	2.9	3.2	147.3	medium switching speed
	SFG170N10KF	Single_N	T0-263	800	100	170	3	2.8	3	114.5	medium switching speed
	SFG170N10PF	Single_N	T0-220	1000	100	170	3	2.8	3	114.5	medium switching speed
	SFG180N10KF	Single_N	T0-263	800	100	180	3	2.5	3	158.8	medium switching speed
	SFG180N10PF	Single_N	T0-220	1000	100	180	3	2.5	3	158.8	medium switching speed
	SFG180N10HF	Single_N	T0-247	330	100	180	3	2.5	3	158.8	medium switching speed
120V N-Ch	SFG12R14BF	Single_N	SOP8	2500	120		2		14	33.1	medium switching speed
	SFG12R12GF	Single_N	PDFN5*6	5000	120	50	2	10	12	33.1	medium switching speed
	SFG12R12DF	Single_N	T0-252	2500	120	50	2	10	12	33.1	medium switching speed
	SFG60N12PF	Single_N	T0-220	1000	120	60	2	10.6	13	39.6	medium switching speed
	SFG60N12FF	Single_N	T0-220F	1000	120	60	2	10.6	13	39.6	medium switching speed
	SFG60N12GF	Single_N	PDFN5*6	5000	120	60	2	10.6	13	39.6	medium switching speed
	SFG110N12FF	Single_N	T0-220F	1000	120	110	3	5	6.5	68.9	medium switching speed
	SFG110N12KF	Single_N	T0-263	800	120	110	3	5	6.5	68.9	medium switching speed
	SFG110N12IF	Single_N	T0-262	1000	120	110	3	5	6.5	68.9	medium switching speed
	SFG110N12PF	Single_N	T0-220	1000	120	110	3	5	6.5	68.9	medium switching speed
150V N-Ch	SFG130N15PF	Single_N	T0-220	1000	150	130	3	7.5	8	88	medium switching speed
	SFG15R25GF	Single_N	PDFN5*6	5000	150	60	2	20	25	42.8	medium switching speed
	SFG15R10GNF	Single_N	PDFN5*6	5000	150						medium switching speed

SFGMOS 同步整流naming rule: voltage + resistance. For example: SFG10R12DF
Voltage: 10: Means 100V,
Resistance: 12: Means Rdson max =12 mohm
Package: A-----T0251, D----T0252, P----T0220, F---T0220F, K----T0263,
H----T0247, I--T0262, G--PDFN5*6 , J---PDFN8*8 R---T03P
AF--DF-- the last "F" means halogen free



SFGMOS 电机驱动naming rule: current+voltage. For example: SFG130N10PF
Current: 130: Means 130A
N: N-channel
Voltage: 10: Means 100V

