

MOSFET Arrays

Parameter	Type No.	Absolute Maximum Ratings				Electrical Characteristics (Ta = 25°C)		Equivalent circuit No.	Package
		V _{DS}	I _D	P _D (Tc = 25°C)	ES _D	R _{DS(on) max} (V _{GS} = 10V)	C _{iss} (typ)		
		(V)	(A)	(W)	(mJ)	(Ω)	(pF)		
SLA5001	N-Channel	100	5	35	30	0.3	350	A	SLA
SLA5002	N-Channel	100	5	35	30	0.3	350	B	
SLA5003	N-Channel	200	5	35	60	0.9	260	B	
SLA5004	P-Channel	-60	5	35	—	0.3	570	A	
SLA5005	P-Channel	-100	5	35	—	0.7	300	A	
SLA5006	P-Channel	-100	5	35	—	0.7	300	B	
SLA5007	N-Channel	60	5	35	2	0.22	300	D	
	P-Channel	-60	4	35	—	0.55	270		
SLA5008	N-Channel	100	4	35	16	0.6	180	D	
	P-Channel	-100	3	35	—	1.3	180		
SLA5009	N-Channel	60	5	35	2	0.22	300	E	
	P-Channel	-60	4	35	—	0.55	270		
SLA5010	N-Channel	100	4	35	16	0.6	180	E	
	P-Channel	-100	3	35	—	1.3	180		
SLA5011	N-Channel	60	5	35	2	0.22	300	C	
SLA5012	P-Channel	-60	5	35	—	0.3	570	C	
SLA5013	N-Channel	100	5	35	30	0.3	350	D	
	P-Channel	-100	5	35	—	0.7	300		
SLA5015	P-Channel	-60	4	35	—	0.55	270	C	
SLA5017	N-Channel	60	5	35	2	0.3	400	E	
	P-Channel	-60	4	35	—	0.55	270		
SLA5018	N-Channel	60	5	35	2	0.3	400	D	
	P-Channel	-60	4	35	—	0.55	270		
SLA5021	N-Channel	100	5	35	60	0.19	880	C	
SLA5024	P-Channel	-60	4	35	—	0.55	270	A	
SLA5029	N-Channel	60	4	35	1	0.45	120	C	
SLA5031	N-Channel	60	5	35	2	0.3	400	B	
SLA5033	N-Channel	60	5	35	6	0.12	820	B	
SLA5037	N-Channel	100	10	40	200	0.08	1630	J	
SLA5038	N-Channel	150	7	35	100	0.2	930	C	
* SLA5039	N-Channel	150	10	40	280	0.085	2000	J	
SLA5040	N-Channel	100	4	35	16	0.6	180	B	
* SLA5042	N-Channel	100	5	35	—	0.16	840	C	
SMA5101	N-Channel	100	4	28	16	0.6	180	A	SMA
SMA5102	N-Channel	100	4	28	16	0.6	180	B	
SMA5103	N-Channel	60	5	28	2	0.22	300	D	
	P-Channel	-60	4	28	—	0.55	270		
SMA5104	N-Channel	60	5	28	2	0.22	300	E	
	P-Channel	-60	4	28	—	0.55	270		
SMA5105	N-Channel	100	5	28	32	0.41	470	B	
SMA5106	N-Channel	100	4	28	16	0.78	230	B	
SMA5109	N-Channel	60	5	28	6	0.12	820	B	
STA501A	N-Channel	60	5	20	—	0.20	400	F	STA
* STA504A	N-Channel	60	4	20	—	0.45	120	G	
* STA505A	N-Channel	100	3	20	—	0.60	250	G	
* STA506A	N-Channel	100	2	20	—	0.80	160	F	
SDKC2	N-Channel	60	2	3	—	0.24	400	H	SDK
SDKC4	N-Channel	100	2	3	—	0.80	160	I	

* Under development

∴ Ta = 25°C