

高MOS芯片选型表

N-channel Voltage	Product Name	Wafer Name	Die size	BVDSS Min(V)	ID(A) 25°C	VTH	RDS(ON) (mΩ) @ 10V		package	Gross Die (5")	Gross Die (6")
						Typ	Typ	Max			
N-400V	SIF6N40D	SF291T40E	2.91*2.38	400	6	3	0.98 @ 3.0A	1.20 @ 3.0A	TO-251/252/220/220FP/262/263	1544	2227
	SIF6N40F	SF276T40F	2.76*2.35	400	6	3	0.75 @ 3.0A	1.0 @ 3.0A	TO-251/252/220/220FP/262/263	1623	2354
	SIF10N40E	SF400T40EA	4.00*2.80	400	10	3	0.48 @ 5.0A	0.55 @ 5.0A	TO-251/252/220/220FP/262/263	930	1360
	SIF10N40F	SF387T40F	3.87*2.68	400	10	3	0.48 @ 5.0A	0.55 @ 5.0A	TO-251/252/220/220FP/262/263	995	1430
N-500V	SIF05N50F	SF080T50F	0.795*0.80	500	0.5	3	26 @ 0.25A	32 @ 0.25A	TO-92/126/251/252与IC集成	17600	24500
	SIF06N50F	SF091T50F	0.91*0.91	500	0.6	3	16 @ 0.3A	20 @ 0.3A	TO-92/126/251/252与IC集成	13500	19000
	SIF08N50F	SF097T50F	0.97*0.97	500	0.8	3	15.5 @ 0.4A	19 @ 0.4A	TO-92/126/251/252与IC集成	11500	16840
	SIF08N50FA	SF106T50F	1.06*1.06	500	0.8	3	12 @ 0.4A	15 @ 0.4A	TO-92/126/251/252与IC集成	9623	14230
	SIF1N50F	SF113T50F	1.131*1.124	500	1	3	10 @ 0.5A	13 @ 0.5A	TO-92/126/251/252与IC集成	8550	12330
	SIF2N50F	SF138T50F	1.38*1.38	500	2	3	5.8 @ 1.0A	6.5 @ 1.0A	TO-92/126/251/252与IC集成	5684	8225
	SIF2N50FA	SF149T50F	1.49*1.48	500	2	3	4.7 @ 1.0A	5.3 @ 1.0A	TO-92/126/251/252与IC集成	4900	7190
	SIF3N50F	SF181T50F	1.81*1.81	500	3	3	2.6 @ 1.5A	3.0 @ 1.5A	TO-126/251/252与IC集成	3300	4970
	SIF3N50FA	SF192T50F	1.92*1.92	500	3	3	2.2 @ 1.5A	2.6 @ 1.5A	TO-126/251/252与IC集成	2904	4400
	SIF3N50FB	SF192T50FB	1.92*1.92	500	3	3	2.4 @ 1.5A	2.8 @ 1.5A	TO-220/220FP/262/263	2904	4400
	SIF4N50F	SF221T50F	2.21*2.21	500	4	3	1.6 @ 2.0A	2.2 @ 2.0A	TO-251/252/126与IC集成	2130	3330
	SIF5N50F	SF276T50F	2.76*2.35	500	5	3	1.2 @ 2.5A	1.5 @ 2.5A	TO-251/252/220/220FP/262/263	1623	2354
	SIF6N50FA	SF276T50F	2.76*2.35	500	5	3	1.2 @ 2.5A	1.5 @ 2.5A	TO-251/252/220/220FP/262/263	1623	2354
	SIF6N50F	SF303T50F	3.03*2.4	500	6	3	0.9 @ 3.0A	1.3 @ 3.0A	TO-251/252/220/220FP/262/263	1470	2100
	SIF9N50F	SF387T50F	3.87*2.68	500	9	3	0.65 @ 4.5A	0.85 @ 4.5A	TO-251/252/220/220FP/262/263	995	1460
	SIF10N50F	SF425T50F	4.25*3.2	500	10	3	0.48 @ 5.0A	0.75 @ 5.0A	TO-251/252/220/220FP/262/263		1148
	SIF11N50F	SF436T50F	4.36*3.316	500	11	3	0.46 @ 5.5A	0.65 @ 5.5A	TO-251/252/220/220FP/262/263		1067
	SIF13N50F	SF401T50F	4.0*4.0	500	13	3	0.4 @ 6.5A	0.55 @ 6.5A	TO-220/220FP/262/263	650	910
	SIF15N50C	SF518T50	5.18*4.50	500	15	3	0.34 @ 7.5A	0.45 @ 7.5A	TO-220/220FP/262/263	425	660
	SIF15N50F	SF441T50F	4.4*4.03	500	15	3	0.34 @ 7.5A	0.45 @ 7.5A	TO-220/220FP/262/263		807
	SIF18N50	SF580T50	5.8*4.5	500	18	4	0.30 @ 9.0A	0.38 @ 9.0A	TO-220FP	374	550
	SIF20N50C	SF626T50	6.26*5.20	500	20	4	0.23 @ 10A	0.28 @ 10A	TO-220FP	304	450
	SIF20N50F	SF548T50F	5.482*4.816	500	20	4	0.23 @ 10A	0.28 @ 10A	TO-220/220FP	407	
	SIF26N50F	SF649T50F	6.494*5.5	500	26	4	0.18 @ 13A	0.21 @ 13A	TO-3P/247	284	
SIF24N50C	SF658T50	6.58*5.48	500	24	4	0.19 @ 12.0A	0.25 @ 12.0A	TO-3P/247/220FP	290		
	SIF1N60F	SF138T60F	1.38*1.38	600	1	3	7.50 @ 0.5A	9 @ 0.5A	TO-92/126/251/252与IC集成	5684	8225
	SIF2N60F	SF181T60F	1.81*1.81	600	2	3	3.6 @ 1.0A	4.5 @ 1.0A	TO-126/251/252与IC集成	3300	4970
	SIF2N60FA	SF192T60F	1.92*1.92	600	2	3	3.2 @ 1.0A	3.7 @ 1.0A	TO-126/251/252与IC集成	2904	4400

N-600V	SIF2N60FB	SF192T60FB	1.92*1.92	600	2	3	3.3 @ 1.0A	3.7 @ 1.0A	TO-220/220FP/262/263	2904	4400
	SIF3N60F	SF221T60F	2.21*2.21	600	3	3	2.3 @ 1.5A	2.7 @ 1.5A	TO-251/252/126 与IC集成	2130	3330
	SIF4N60F	SF276T60F	2.76*2.35	600	4	3	1.65 @ 2.0A	1.90 @ 2.0A	TO-251/252/220/220FP/262/263	1623	2354
	SIF4N60D	SF291T60E	2.91*2.38	600	4	3	2.0 @ 2.0A	2.5 @ 2.0A	TO-251/252/220/220FP/262/263	1544	2227
	SIF5N60F	SF303T60F	3.03*2.4	600	5	3	1.5 @ 2.5A	1.8 @ 2.5A	TO-251/252/220/220FP/262/263	1470	2100
	SIF5N60E	SF320T60E	3.20*2.50	600	5	3	1.5 @ 2.5 A	2.0 @ 2.5A	TO-251/252/220/220FP/262/263	1340	1930
	SIF5N60D	SF400T60E	4.00*3.2	600	7	3	1.0 @ 3.5A	1.2 @ 3.5A	TO-251/252/220/220FP/262/263	808	1174
	SIF6N60D	SF400T60E	4.00*3.2	600	7	3	1.0 @ 3.5A	1.2 @ 3.5A	TO-251/252/220/220FP/262/263	808	1174
	SIF7N60D	SF400T60E	4.00*3.2	600	7	3	1.0 @ 3.5A	1.2 @ 3.5A	TO-251/252/220/220FP/262/263	808	1174
	SIF7N60F	SF387T60F	3.87*2.68	600	7	3	0.95 @ 3.5A	1.2 @ 3.5A	TO-251/252/220/220FP/262/263	995	1460
	SIF8N60F	SF425T60F	4.25*3.2	600	8	3	0.72 @ 4.0A	0.9 @ 4.0A	TO-251/252/220/220FP/262/263		1148
	SIF9N60EA	SF445T60E	4.45*3.32	600	9	3	0.80 @ 4.5A	1.0 @ 4.5A	TO-251/252/220/220FP/262/263	692	1040
	SIF10N60EA	SF445T60E	4.45*3.32	600	9	3	0.80 @ 4.5A	1.0 @ 4.5A	TO-251/252/220/220FP/262/263	692	1040
	SIF9N60F	SF436T60F	4.36*3.316	600	9	3	0.68 @ 4.5A	0.9 @ 4.5A	TO-251/252/220/220FP/262/263		1067
	SIF9N60E	SF450T60E	4.50*3.44	600	9	3	0.68 @ 4.5A	0.85 @ 4.5A	TO-220/220FP/262/263	664	980
	SIF10N60E	SF450T60E	4.50*3.44	600	10	3	0.68 @ 4.5A	0.85 @ 4.5A	TO-220/220FP/262/263	664	980
	SIF10N60F	SF401T60F	4.0*4.0	600	10	3	0.65 @ 5A	0.85 @ 5A	TO-220/220FP/262/263	650	910
	SIF12N60C	SF518T60	5.18*4.50	600	12	3	0.5 @ 6.0A	0.80 @ 6.0A	TO-220/220FP/262/263	425	660
	SIF12N60F	SF441T60F	4.4*4.03	600	12	3	0.5 @ 6.0A	0.70 @ 6.0A	TO-220/220FP/262/263	577	807
	SIF15N60C	SF580T60	5.80*4.50	600	15	4	0.4 @ 7.5A	0.5 @ 7.5A	TO-220FP/262	374	550
SIF18N60C	SF626T60	6.26*5.20	600	18	4	0.33 @ 8.0A	0.45 @ 8.0A	TO-220FP/3P	304	450	
N-650V	SIF06N65FA	SF091T50F	0.91*0.91	500	0.6	3	26 @ 0.3A	32 @ 0.3A	TO-92/126/251/252与IC集成	13500	19000
	SIF06N65F	SF097T65F	0.97*0.97	650	0.6	3	23 @ 0.25A	26 @ 0.25A	TO-92/126/251/252与IC集成	11500	16840
	SIF08N65F	SF113T65F	1.131*1.124	650	0.8	3	14.5 @ 0.4A	18 @ 0.4A	TO-92/126/251/252与IC集成	8550	12330
	SIF1N65F	SF138T65F	1.38*1.38	650	1	3	8.5 @ 0.5A	10 @ 0.5A	TO-92/126/251/252与IC集成	5684	8225
	SIF2N65F	SF181T65F	1.81*1.81	650	2	3	4.4 @ 1.0A	5.5 @ 1.0A	TO-126/251/252与IC集成	3300	4970
	SIF2N65FA	SF192T65F	1.92*1.92	650	2	3	3.5 @ 1.0A	4.20 @ 1.0A	TO-126/251/252与IC集成	2904	4400
	SIF2N65FB	SF192T65FB	1.92*1.92	650	2	3	3.6 @ 1.0A	4.20 @ 1.0A	TO-220/220FP/262/263	2904	4400
	SIF3N65F	SF221T65F	2.21*2.21	650	3	3	2.4 @ 1.5A	3.0 @ 1.5A	TO-251/252/126/220/220FP与IC集成	2130	3330
	SIF4N65F	SF276T65F	2.76*2.35	650	4	3	2.0 @ 2.0A	2.5 @ 2.0A	TO-251/252/220/220FP/262/263	1623	2354
	SIF5N65F	SF303T65F	3.03*2.4	650	5	3	1.6 @ 2.5A	2.0 @ 2.5A	TO-251/252/220/220FP/262/263	1470	2100
	SIF7N65F	SF387T65F	3.87*2.68	650	7	3	1.1 @ 3.5A	1.4 @ 3.5A	TO-251/252/220/220FP/262/263	995	1460
	SIF8N65FA	SF425T65F	4.25*3.2	650	8	3	0.8 @ 4.0A	1.1 @ 4.0A	TO-251/252/220/220FP/262/263		1148
	SIF8N65F	SF436T65F	4.36*3.316	650	8	3	0.75 @ 4A	0.95 @ 4A	TO-251/252/220/220FP/262/263		1067
	SIF9N65F	SF436T65F	4.36*3.316	650	9	3	0.75 @ 4.5A	0.95 @ 4.5A	TO-251/252/220/220FP/262/263		1067
	SIF10N65FA	SF436T65F	4.36*3.316	650	10	3	0.75 @ 5A	0.95 @ 5A	TO-251/252/220/220FP/262/263		1067
SIF10N65F	SF401T65F	4.0*4.0	650	10	3	0.7 @ 5A	0.9 @ 5A	TO-220/220FP/262/263	650	910	

	SIF12N65F	SF441T65F	4.4*4.03	650	12	3	0.6 @ 6A	0.7 @ 6A	TO-220/220FP/262/263		807
	SIF1N65EA	SF150T65E	1.50*1.50	650	1	3	10.5 @ 0.5A	13 @ 0.5A	TO-92/126/251/252与IC集成	4818	7028
	SIF4N65D	SF291T65E	2.91*2.38	650	4	3	2.5 @ 2.0A	2.8 @ 2.0A	TO-251/252/220/220FP/262	1544	2227
	SIF5N65E	SF320T65E	3.20*2.50	650	5	3	1.7 @ 2.5A	2.5 @ 2.5A	TO-251/252/220/220FP	1340	1930
	SIF7N65D	SF400T65E	4.00*3.2	650	7	3	1.3 @ 3.5A	1.65 @ 3.5A	TO-251/252/220/220FP/262/263	808	1174
	SIF8N65EA	SF445T65E	4.45*3.32	650	8	3	0.73 @ 4.0A	1.0 @ 4.0A	TO-251/252/220/220FP/262/263	692	1040
	SIF8N65E	SF450T65E	4.50*3.44	650	8	3	0.75 @ 4.0A	1.0 @ 4.0A	TO-220/220FP/262/263	664	980
	SIF10N65E	SF450T65E	4.50*3.44	650	10	3	0.75 @ 5.0A	1.0 @ 5.0A	TO-220/220FP/262/263	664	980
	SIF12N65C	SF518T65	5.18*4.50	650	12	3	0.58 @ 6.0A	0.65 @ 6.0A	TO-220/220FP/262/263	425	660
	SIF15N65C	SF580T65	5.80*4.50	650	15	4	0.5 @ 7.5A	0.6 @ 7.5A	TO-220/220FP/262	390	550
	SIF18N65C	SF626T65	6.26*5.20	650	18	4	0.37 @ 9.0A	0.45 @ 9.0A	TO-220FP/3P	304	450
N-700V	SIF2N70FA	SF192T70F	1.92*1.92	700	2	3	4.35 @ 1.0A	5.0 @ 1.0A	TO-126/251/252与IC集成	2904	4400
	SIF4N70F	SF276T70F	2.76*2.35	700	4	3	2.4 @ 2.0A	2.8 @ 2.0A	TO-251/252/220/220FP/262/263	1623	2354
	SIF5N70F	SF303T70F	3.03*2.4	700	5	3	2.0 @ 2.5A	2.5 @ 2.5A	TO-251/252/220/220FP/262/263	1470	2100
	SIF6N70F	SF387T70F	3.87*2.68	700	6	3	1.35 @ 3A	1.6 @ 3A	TO-251/252/220/220FP/262/263	995	1430
	SIF7N70F	SF425T70F	4.25*3.2	700	7	3	0.96 @ 3.5A	1.3 @ 3.5A	TO-251/252/220/220FP/262/263		1148
	SIF8N70F	SF436T70F	4.36*3.316	700	8	3	0.9 @ 4A	1.15 @ 4A	TO-251/252/220/220FP/262/263		1067
	SIF9N70F	SF436T70F	4.36*3.316	700	9	3	0.9 @ 4.5A	1.15 @ 4.5A	TO-251/252/220/220FP/262/263		1067
	SIF8N70F	SF436T70F	4.36*3.316	700	7	3	0.9 @ 3.5A	1.15 @ 3.5A	TO-251/252/220/220FP/262/263		1067
	SIF12N70F	SF441T70F	4.4*4.03	700	12	3	0.75 @ 6A	0.9 @ 6A	TO-220/220FP/262/263		807
	SIF4N70E	SF320T70E	3.2*2.5	700	4	3	2.5 @ 2.0A	2.8 @ 2.0A	TO-251/252/220/220FP	1340	1930
	SIF6N70D	SF400T70E	4.00*3.2	700	6	3	1.4 @ 3A	1.65 @ 3A	TO-251/252/220/220FP/262/263	808	1174
	SIF7N70D	SF400T70E	4.00*3.2	700	7	3	1.4 @ 3.5A	1.65 @ 3.5A	TO-251/252/220/220FP/262/263	808	1174
	SIF8N70E	SF450T70E	4.50*3.44	700	8	3	0.95 @ 4.0A	1.2 @ 4.0A	TO-220/220FP/262/263	664	980
	SIF9N70E	SF450T70E	4.50*3.44	700	9	3	0.95 @ 4.5A	1.2 @ 4.5A	TO-220/220FP/262/263	664	980
	SIF8N70EA	SF445T70E	4.45*3.32	700	8	3	1.0 @ 4.0A	1.2 @ 4.0A	TO-251/252/220/220FP/262/263	692	1040
SIF10N70C	SF487T70	4.87*4.3	700	8	3	1.0 @ 5A	1.2 @ 5A	TO-220/220FP/262/263	484	709	
N-800V	SIF2N80C	SF288T80	2.88*2.66	800	2	4	4.1 @ 1.0A	4.5 @ 1.0A	TO-251/252/220/220FP/262/263	1400	2040
	SIF3N80C	SF288T80	2.88*2.66	800	2	4	4.1 @ 1.0A	4.5 @ 1.0A	TO-251/252/220/220FP/262/263	1400	2040
	SIF4N80C	SF411T80	4.11*3.10	800	4	3	2.5 @ 2.0A	2.8 @ 2.0A	TO-220/220FP/262/263	820	1230
	SIF6N80	SF416T80	4.16*3.2	800	6	4	2.0 @ 3.0A	2.5 @ 3.0A	TO-251/252/220/220FP/262/263	792	1200
	SIF6N80C	SF452T80	4.52*3.5	800	6	4	1.6 @ 3.0A	2.0 @ 3.0A	TO-220/220FP/262/263	640	
	SIF7N80C	SF473T80	4.73*4.20	800	7	3	1.2 @ 3.5A	1.7 @ 3.5A	TO-220/220FP/262/263	508	770
	SIF10N80	SF519T80	5.19*4.5	800	10	4	0.95 @ 5A	1.1 @ 5A	TO-220/220FP/262/263	424	
	SIF10N80C	SF600T80	6.00*5.20	800	12	4	0.65 @ 5A	1.0 @ 5A	TO-220FP/3P	320	460
SIF12N80C	SF600T80	6.00*5.20	800	12	4	0.65 @ 5A	1.0 @ 5A	TO-220FP/3P	320	460	
	SIF2N90C	SF288T90	2.88*2.66	900	2	4	5.4 @ 1.0A	6.0 @ 1.0A	TO-251/252/220/220FP/262/263	1400	2040

N-900V	SIF3N90	SF288T90	2.88*2.66	900	2	4	5.4 @ 1.0A	6.0 @ 1.0A	TO-251/252/220/220FP/262/263	1400	2040
	SIF3N90C	SF411T90	4.11*3.10	900	3	4	3.20 @ 2.0A	3.50 @ 2.0A	TO-220/220FP/262/263	820	1230
	SIF5N90	SF416T90	4.16*3.2	900	5	4	2.1 @ 2.5A	2.5 @ 2.5A	TO-251/252/220/220FP/262/263	792	1200
	SIF5N90C	SF452T90	4.52*3.5	900	5	4	2.0 @ 5.0A	2.7 @ 5.0A	TO-220/220FP/262/263	640	
	SIF6N90C	SF473T90	4.73*4.20	900	6	4	1.7 @ 3.0A	2.1 @ 3.0A	TO-220/220FP/262/263	508	770
	SIF9N90	SF519T90	5.19*4.5	900	9	4	1.25 @ 4.5A	1.5 @ 4.5A	TO-220/220FP/262/263	424	
	SIF9N90C	SF600T90	6.00*5.20	900	9	4	0.88 @ 4.5A	1.1 @ 4.5A	TO-220/220FP/3P	320	460