

# 中低压功率MOS系列

## N管

Vds min (v)	Part	ID@TC=25°C (A)	Rds (on) Typ 10V (mΩ)	Rds (on) max 10V (mΩ)	Rds (on) Typ 4.5V (mΩ)	Rds (on) max 4.5V (mΩ)	Vgs (±V)	Vth (V)	Configuration	Package	competitor
60	6095Q	95	2.4	3.3	2.9	3.8	20	1.0~2.5	Single-N	PDFN5*6-8	
68	6888K	80	7.8	9.5	N/A	N/A	20	2~4	Single-N	T0-252-2L	NCE6080K
	6888	88	7	8.9	N/A	N/A	20	2~4	Single-N	T0-263-2L	3VT273068YH、RU6888、HY1703
75	7580D	86	6.8	8.5	N/A	N/A	20	2~4	Single-N	T0-263-2L	NCE7580D/ HY1807P/RU7580R
80	80D11	30	12.5	15	N/A	N/A	20	1.3~2.5	Single-N	PDFN3*3-8	
	80H11	105	5.8	6.8	N/A	N/A	25	2~4	Single-N	T0-220-3L	NCE80H11/ HY3008P
	80H11D	120	6	6.8	N/A	N/A	20	2~4	Single-N	T0-263-2L	NCE80H11D/ HY3008B
85	68N85D	100	6.8	7.5	N/A	N/A	20	2~4	Single-N	T0-263-2L	
	055N85	110	5.5	6.8	N/A	N/A	20	2~4	Single-N	T0-263-2L	
	45N85D	120	4.5	5.2	N/A	N/A	20	2~4	Single-N	T0-263-2L	
100	15N010	15	124	150	N/A	N/A	20	1~2.5	Single-N	T0-252-2L	UTT15N10M-Q
	FM30N10/B	30	26	32	N/A	N/A	20	2~4	Single-N	T0-252-2L	AOD482
	45N10H	45	15	17.5	18	22	20	1~2.5	Single-N	T0-263-2L	
	062N10H	110	6.2	7.2	N/A	N/A	20	2.5~4.5	Single-N	T0-263-2L	
	039N10HD	130	4.8	5.6	N/A	N/A	20	2.0~4.0	Single-N	T0-263-2L	



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-30	30P15K	-15	16	20	22	26	20	-1~-2.5	Single-P	TO-252-2L	
	30DP8	-30	12	18	16	22	20	-1~-2.5	Single-P	PDFN3*3-8	
	30P55K	-40	8.5	11	12	16	20	-1~-2.5	Single-P	TO-252-2L	NCE30P55K
	30DP6	-49	7	8.8	9	11	20	-1~-2.5	Single-P		



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3415	-12	-3.5	52	70	8	-0.5~-1.4	Single-P	SOT23-3	3415
2309	-12	-6	50	68	8	-0.5~-1.4	Single-P	SOP-8	2309
J3415	-17	-2.3	95	120	12	-0.4~-1	Single-P	SOT-23	2301
3401L	-19	-3.5	42	55	12	-0.45~-1.0	Single-P	SOT23-3	3401
2301P	-20	-2.8	110	148	12	-0.4~-1	Single-P	SOT-23	2301
TC840	-20	-5	22	26	12	-0.4~-1	Single-P	SOT23-3	RU20P7C
9435	-20	-4.0	68	88	8	-0.5~-1.0	Single-P	SOP-8	9435
9435B	-20	-4.0	68	90	12	-0.4~-1.1	Single-P	SOP-8	
9435P	-30	-4.8	42 (-10V)	48 (-4.5V)	12	-0.5~-1.2	Single-P	SOP-8	
3401S	-30	2.6	98 (-10V)	110 (-4.5V)	12	-0.45~-1.0	Single-N	SOT23-3	
3401/H	-30	-4.2	52 (-10V)	55 (-4.5V)	12	-0.7~-1.4	Single-P	SOT23-3	3401
3401/P	-30	-4.2	48 (-10V)	55 (-4.5V)	12	-0.5~-1.3	Single-P	SOT23-3	
3407	-30	-4.0	39 (-10V)	48 (-4.5)	20	-1~-2.0	Single-P	SOT23-3	3407
4407A.	-30	-8	12.5 (-10V)	-	20	-1.0~-2.5	Single-P	SOP-8	4407



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8205S-15	15	6	22	28	10	0.5~1.0	Double-N	SOT23-6	
8205S-16	16	6	19	24	12	0.5~1.0	Double-N	SOT23-6	
2302P	20	2.8	45	58	12	0.4~1	Single-N	SOT-23	2302
TC736	20	6	12	14	12	0.5~1.2	Single-N	SOT23-3	RU207
9926	20	6	21	26	10	0.5~1.0	Double-N	SOP-8	9926
8205S/ 8205A	20	6	21	26	12	0.5~1.0	Double-N	SOT23-6	8205S
8205S	20	6	19	26	12	0.5~1.0	Double-N	SOT23-6	
. 8205A	20	6	22	28	12	0.5~1.0	Double-N	SOT23-6	8205S
8205K	20	6	40 (双)	50 (双)	12	0.5~1.0	Double-N	SOT23-6	
8205A	20	6	20	25	12	0.5~1.0	Double-N	TSSOP-8	8205A
8205L	20	6	19	23	12	0.4~0.95	Double-N	SOT23-6	
8205LA	20	6	22	26	12	0.5~0.95	Double-N	TSSOP-8	
. 8810	20	6	11	13	12	0.5~1.0	Double-N	TSSOP-8	8810

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3400S	30	3	50 (10V)	62 (4.5V)	20	1~3	Single-N	SOT23-3	
3400/P	30	5.6	25 (10V)	28 (4.5V)	12	0.65~1.5	Single-N	SOT23-3	
3400/Y	30	5.8	21 (10V)	25 (4.5V)	12	0.65~1.5	Single-N	SOT23-3	3400
4468	30	11	11(10V)	15(4.5V)	20	1~2.5	Single-N	SOP-8	A04468
TC1103	30	12	8.5(10V)	13(4.5V)	20	1~2.5	Single-N	SOP-8	HY1103S、TC4606

## N+P管

Part	Vds min(v)	ID@TC=25°C (A)	Rds (on) typ 4.5V (mΩ)	Rds (on) typ 2.5V (mΩ)	Vgs (±V)	Vth (V)	Configuration	Package	
TC4606C	-20	-5.0	36	48	12	-0.4~-1	N+P	SOP-8	A04406
	20	7	15	20	12	0.5~1.1			



## 高压GaN

### ● 650V E-Mode GaN FET

Part	VDS	Rds(on) Typ 6V (mΩ)	ID(A)	VGS (V)	VGS(TH) (V)	Package
FM65R04	650	350	8	-20~+10	1.2~2.2	PDFN5*6-8



# 高压功率MOS系列

## N管

Part	Vds	ID@TC=25°C (A)	Rds (on) Typ 10V (mΩ)	Rds (on) Typ 4.5V (mΩ)	Vgs (±V)	Vth (V)	Configuration	Package
FMSJB65R150	650	25	150	-	30	2.5-4.5	Single-N	TO-220 TO-220F
FMSJB65R280	650	16	280	-	30	2.5-4.5	Single-N	TO-252 TO-220 TO-220F
FMSJB65R380	650	12	380	-	30	2.5-4.5	Single-N	TO-252 TO-220 TO-220F
FMSJB65R600	650	8	600	-	30	3.0-5.0	Single-N	PDFN5*6-8 TO-252 TO-220 TO-220F
FMSJB65R1K0	650	5	1000	-	30	3.0-5.0	Single-N	PDFN5*6-8 TO-252 TO-220 TO-220F
FMSJB65R1K4	650	4	1400	-	30	3.0-5.0	Single-N	PDFN5*6-8 TO-252
FMSJB65R2K0	650	3	2000	-	30	3.0-5.0	Single-N	PDFN5*6-8 TO-252



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20	2060A/P	60	-	-	5.0	6.6	12	0.45~1	Single-N	TO-252-2L	AP2045
	2060A/Y	60	-	-	4.9	6.5	12	0.45~1	Single-N	TO-252-2L	
	2060K.	68	-	-	4.2	6	12	0.45~1	Single-N	TO-252-2L	NCE2060K
	2060KA	68	-	-	3.0	3.9	12	0.45~1	Single-N	TO-252-2L	
	2080K	80	-	-	3.4	4.8	12	0.55~1.1	Single-N	TO-252-2L	
30	4468	11	11	15	15	20	20	1~2.5	Single-N	SOP-8	A04468
	TC1103	12	8.5	12	13	18	20	1~2.5	Single-N	SOP-8	HY1103S
	3020K	20	10	18	18	26	20	1~2.5	Single-N	TO-252-2L	NCE3020K
	3030	30	8.5	12	12	20	20	1~2.5	Single-N	PDFN3*3-8	RU3030m
	3040K/H	40	5.8	7.5	10.5	13.5	20	1~2.5	Single-N	TO-252-2L	NCE3040K
	3050K	50	7.2	9.2	11	17	20	1~2.5	Single-N	TO-252-2L	NCE3050K/RU3060L
	3060K	60	5.5	7	9	12	20	1~2.5	Single-N	TO-252-2L	RU3568L
	050D30	80	5.4	6.8	7.6	9.2	20	1~2.5	Single-N	PDFN3*3-8	
	3080Q/H	80	4.0	5.2	5.8	8.5	20	1~2.5	Single-N	PDFN5*6-8	
	3080S/H	80	4.2	6.5	6.5	10	20	1~2.5	Single-N	TO-252-2L	
	3080SA	80	4.2	5.5	6.5	8.0	20	1~2.5	Single-N	TO-252-2L	3080
	3080K/H	80	3.8	6.5	6.2	10	20	1~2.5	Single-N	TO-252-2L	NCE3080K/RU3075L
	3080K/Y	80	3.8	5.5	6.2	8.0	20	1~2.5	Single-N	TO-252-2L	
3080KA	80	3.7	4.5	5.3	6.8	20	1~2.5	Single-N	TO-252-2L		



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30	3090K	90	3.5	5.5	5.5	9.5	20	1~2.5	Single-N	TO-252-2L	NCE3090K
	035D30	100	4.5	5.4	6.4	7.8	20	1~2.5	Single-N	PDFN3*3-8	
	30H10Q/H	100	3.2	4.8	5.4	7.5	20	1~2.5	Single-N	PDFN5*6-8	
	30H10K/J	100	3.0	4.8	4.8	7	20	1~2.5	Single-N	TO-252-2L	NCE30H10K
	30H12K/H	120	2.8	4.5	5.5	7.5	20	1.2~2.5	Single-N	TO-252-2L	NCE30H12K
	30H15Q	150	1.9	2.5	2.6	3.3	20	1~2.5	Single-N	PDFN5*6-8	
	30H15K/D	150	2.7	3.4	4.8	6.5	20	1~2.5	Single-N	TO-252-2L TO-263-2L	NCE30H15K/D
40	4010K	10	12.5	15.5	16.5	22	20	1~2.5	Single-N	TO-252-2L	NCE4010K/Q
	4010Q	10	12.5	15.5	16.5	22	20	1~2.5	Single-N	PDFN5*6-8	
	40S13	18	15	20	20	25	20	1~2.5	Single-N	SOP-8	
	FM4040	40	5.6	7	7.5	10.5	20	1~2.5	Single-N	PDFN3*3-8	RU4040M
	4060K/H	60	7.2	8.5	11.5	14	20	1~2.5	Single-N	TO-252-2L	
	4080K/J	80	6.8	8	9.5	12	20	1~2.5	Single-N	TO-252-2L	AP75N04

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40	4080K/H	80	5.2	6.5	6	8.5	20	1~2.5	Single-N	T0-252-2L	NCE4080K
	4080Q/H	80	5.0	6.5	7.0	9	20	1~2.5	Single-N	PDFN5*6-8	
	40H12K	120	3.0	3.6	N/A	N/A	25	2~4	Single-N	T0-252-2L	NCE40H12/ RU40150R
	40H13A	130	2.8	3.5	N/A	N/A	20	1~2.5	Single-N	T0-220-3L	
	40H13Q	130	2.5	3.4	3.4	4.2	20	1~3	Single-N	PDFN5*6-8	
	4004A/D	140	2.5	3.8	N/A	N/A	20	1~3	Single-N	T0-220-3L T0-263-2L	
45	45D15	18	16	21	19	25	20	1.0~2.0	Single-N	PDFN3*3-8	
	45N18	20	15	20	18	24	20	1~2.5	Single-N	SOP-8	
	45D18	20	14	19	17	23	20	1~2.5	Single-N	PDFN3*3-8	
60	60D14	8.5	18.5	22	21	26	20	1.4~2.5	Single-N	PDFN3*3-8	
	60N18	10	13.0	16.8	17.0	23.5	20	1~2.5	Single-N	SOP-8	
	6040K/H	40	15.5	19.5	20	26	20	1~2.5	Single-N	T0-252-2L	
	6060	60	8.5	11	11	15	20	1.0~2.5	Single-N	T0-252-2L	
	6080K/M	80	6.5	7.9	-	-	20	1.0~2.5	Single-N	T0-252-2L	NCE6080K
	6080D	80	7	9.2	N/A	N/A	20	2~4	Single-N	T0-263-2L	NCE6080D