



深圳市锐骏半导体有限公司 产品选型表

Ruichips Power MOSFET Selection Guide

T0-247



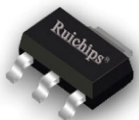
T0-220

T0-263



T0-252

SOP8



SOT223

Power MOSFETs (Surface Mount/贴片)

VDSS (V)	ID (A)	RDS (on) (mΩ) Typ. at VGS = 10 V *4.5 V **2.5V	ch	VTH (V)	Package								
					T0-263	T0-252	SOP8	SOT223	PDFN5X6	PDFN3333	SOT23 SOT23-3	SOT23-6	TSSOP-8
Quantity (pcs/reel)					800	2500	2500	2500	3000	5000	3000	3000	3000
±10	3.5	80*	N+P	1.5-2.7			RU1HC2H						
	-2.5	175*		-2.7--1.5			RU1HC2H						
-20	-3	110**	P	-1--0.5							RU20P3B		
	-4	55**	P	-1.1--0.4							RU20P4C		
-30	-4.8	60*	Dual-P	-2.5--1			RU30S4H						
	-5	56*	Dual-P	-2.5--1			RU30S5H						
	-5.5	55*	P	-2.5--1			RU30P5H	RU30P5D					
	-14.5	22*	P	-2.5--1			RU30L15H						
-40	-30	20*	P	-2.5--1						RU30L30M			
	-4	85*	Dual-P	-2.5--1			RU40S4H						
	-4.5	80*	P	-2.5--1			RU40P4H						
	-9.5	30*	P	-2.5--1			RU40L10H						
-60	-32	30*	P	-2.5--1		RU40L10L							
	-16	125*	P	-3--1		RU55L18L							
	-10	180*	P	-2.5--1		RU1HL8L							
	-13	180*	P	-2.7--1.5		RU1HL13L							
-100	-25	40	P	-4--2	RU1HP25S								
	5	38**	N	0.5-1.5							RU205B		
	6	30**	Dual-N	0.5-1.5								RU8205C6	RU8205G
20	6	24**	Dual-N	0.5-1.5									RU206G
	7	18*	Dual-N	0.5-1									RU207G
	8.8	21**	N	0.5-1.5			RU20E8H						
	10	16*	Dual-N	0.5-1.5			RU20D10H						
	13	22**	N	0.5-1.5			RU2013H						
	20	5.6**	N	0.5-1.5			RU2020H						
	20	5*	N	1-2.5			RU2021H						
	99	4*	N	1-2.5					RU2090M				
	130	4.5*	N	1-3		RU20130L							
	25	13	14.5*	N	1.5-2.7			RU2520H					
55		12*	N	1-3		RU2560L							
60		9*	N	1.2-2.5		RU2568L							
30	4	53**	N	0.5-1.5							RU304B		
	7	45*	Dual-N	1-3			RU30D8H						
	7.8	25*	N	1-2.5			RU30E7H						
	8	40*	N	1-3			RU3010H						
	10	24*	Dual-N	1.5-2.7			RU30D10H						
	11	24*	N	1.5-2.7			RU3013H						
	12	15*	N	1.5-2.7			RU3020H						
	20	25*	N	1-3		RU3020L							
	30	26*	N	1-2.5		RU30E30L							
	40	17.5*	N	1-2.5					RU3040M				
	53	13*	N	1.4-2.7		RU3060L							
	55	12*	N	1-3		RU3050L							
	60	10*	N	1.5-2.7		RU3568L							
	60	10*	N	1-2.5		RU30E40L							
	65	6*	N	1-1.5		RU3065L							
	70	5*	N	1-2.5					RU3070M				
	80	3*	N	1-2.5					RU3080M				
	89	5*	N	1-3		RU3089L							
90	2.6	N	2-4		RU3080L								
90	4.3*	N	1-3		RU3081L								

100	16	85*	N	1.5-2.7		RU1HE16L							
	32	34	N	2-4	RU1H36S								
	40	21	N	2-4	RU1H35S	RU1H35L							
	40	28*	N	1.5-3		RU1H40L							
	60	14	N	2-4	RU3710S								
	190	6.5	N	2-4	RU190N10S								
	190	5	N	2-4	RU1H190S								
200	1.2	1000*	N	2-4				RU2HE2D					
	4.2	1100*	N	2-4		RU2HE5L							
	15	200	N	2-4	RU2H15S								
	60	36	N	2-4	RU2H50S								
500	5	1300	N	2-4		RU5H5L							

Power MOSFETs (Through Hole/插件)

VDSS (V)	ID (A)	RDS (on) (mΩ) Typ. at VGS = 10 V *4.5 V	ch	VTH (V)	Package			
					T0-247 T0-3P	T0-220	T0-220F	T0-251
Quantity (pcs/tube)					30	50	50	80
-60	-16	125*	P	-3--1		RU55L18R		
-100	-13	180*	P	-2.7--1.5		RU1HL13R		RU1HL13K
	-45	25	P	-4--2	RU1HP40Q	RU1HP40R		
30	53	13*	N	1.4-2.7				RU3060K
	68	10*	N	1.5-2.7		RU3568R		
	100	4.3*	N	1-3		RU3081R		
	110	5.5*	N	1-3		RU30100R		
	120	3.3*	N	1-3		RU30120R		
	125	3.2	N	2-4		RU30105R		
	140	3	N	2-4		RU30140R		
	160	2.3	N	2-4		RU30160R		
	230	2.5*	N	1-3		RU30230R		
	230	2.3	N	2-4		RU30231R		
	290	2.6*	N	1-3		RU30291R		
	290	1.8	N	2-4		RU30290R		
300	1.7	N	2-4		RU30300R			
40	89	6*	N	1-3		RU4089R		
	100	5	N	2-4		RU3582R		
	120	2.7	N	2-4		RU35122R		
	120	3.5	N	2-4		RU40120R		
	135	3.2	N	2-4		RU40130R		
	150	3	N	2-4		RU40150R		
	190	2.5	N	2-4		RU40190R		
	200	2.8	N	2-4	RU4099Q	RU4099R		
	220	2.3	N	2-4		RU40220R		
	230	2.3	N	2-4		RU40230R		
230	3.5*	N	1-3		RU40231R			
280	1.8	N	2-4		RU40280R			
55	110	5	N	2-4		RU55110R		
	110	7*	N	1-2.5		RU55111R		
60	16	75*	N	1.5-2.7		RU60E16R		
	25	35	N	2-4		RU60E25R		
	50	10	N	2-4		RU6050R		
	60	9	N	2-4		RU6055R		
	75	5.5	N	2-4		RU6075R		
	100	7	N	2-4		RU60101R		
	120	6	N	2-4		RU6099R		
	125	5.5	N	2-4		RU60120R		
	130	4	N	2-4		RU60100R		
	190	3.7	N	2-4		RU60190R		
200	2.8	N	2-4	RU6199Q	RU6199R			
230	2.5	N	2-4		RU60200R			
65	80	8	N	2-4		RU6588R		
	80	7.5	N	2-4		RU6580R		
	81	7	N	2-4		RU6581R		
	88	6	N	2-4		RU7088A		
	110	6	N	2-4		RU65110R		
120	4.5	N	2-4		RU65120R			
68	86	6.5	N	2-4		RU6881R		
	88	6	N	2-4		RU6888R		
	80	6.5	N	2-4		RU7088R		

70	85	6	N	2-4		RU7085R	
	100	4.5	N	2-4		RU70100R	
	140	4.3	N	2-4		RU70140R	
	190	4.2	N	2-4		RU70190R	
	200	2.8	N	2-4		RU70200R	
75	55	11	N	2-4		RU7550R	
	80	8	N	2-4		RU75N08R	
	80	8	N	2-4		RU7580R	
	80	7	N	2-4		RU7588R	
	81	7.5	N	2-4		RU7581R	
	82	7.5	N	2-4		RU7582R	
	90	10	N	2-4		RU7590R	
	110	5.5	N	2-4		RU75110R	
	148	5.5	N	2-4		RU75150R	
	150	5	N	2-4		RU75170R	
80	260	2.8	N	2-4	RU75260Q		
	48	13	N	2-4		RU8048R	
	49	12	N	2-4		RU8049R	
	80	9	N	2-4		RU8080R	
	100	5.5	N	2-4		RU80100R	
	190	3.9	N	2-4	RU190N08Q	RU190N08R	
90	190	3.1	N	2-4		RU80190R	
	90	8	N	2-4		RU8099R	
100	32	34	N	2-4		RU1H36R	
	40	21	N	2-4	RU1H35Q	RU1H35R	
	60	18.5*	N	1-3		RU1H60R	
	60	14	N	2-4		RU3710R	
	75	11	N	2-4		RU1H100R	
	80	10	N	2-4		RU1088R	
	80	9	N	2-4		RU1H80R	
	110	10	N	2-4		RU1H130R	
	140	6.5	N	2-4		RU140N10R	
	190	6.5	N	2-4	RU190N10Q	RU190N10R	
	190	5	N	2-4		RU1H190R	

Power MOSFETs (Through Hole/插件)

VDSS (V)	ID (A)	RDS (on) (mΩ) Typ. at VGS = 10 V *4.5 V	ch	VTH (V)	Package			
					T0-247 T0-3P	T0-220	T0-220F	T0-251
Quantity (pcs/tube)					30	50	50	80
150	80	31	N	2-4	RU80N15Q	RU80N15R		
	120	15	N	2-4	RU120N15Q	RU120N15R		
200	30	75	N	2-4	RU2H30Q			
	60	34	N	2-4	RU2H50Q			
	60	36	N	2-4		RU2H50R		
400	10	450	N	2-4		RU4H10R	RU4H10P	
	15	350	N	3-5			RU4H15P	
500	5	1200	N	2-4		RU5H5R		
	8	700	N	2-4		RU5H8R	RU5H8P	
	11.5	550	N	3-5			RU5H11P	
	18	270	N	2-4	RU5H18Q			
600	2	4000	N	2-4		RU6H2R		
	7	1000	N	2-4		RU6H7R		
	9.5	700	N	3-5		RU6H9R	RU6H9P	
	10	750	N	2-4		RU6H11R		

800	7	1600	N	2.5-4.5		RU8H7R		
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