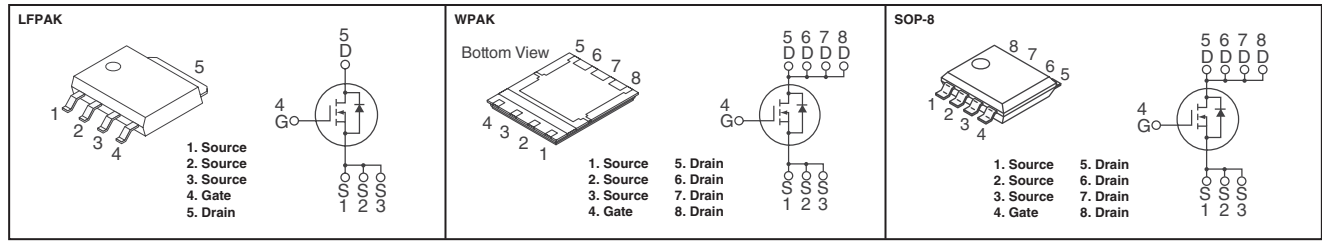


Features: • Power switching • Capable of 4.5V gate drive • Low drive current • High density mounting • Low on-resistance

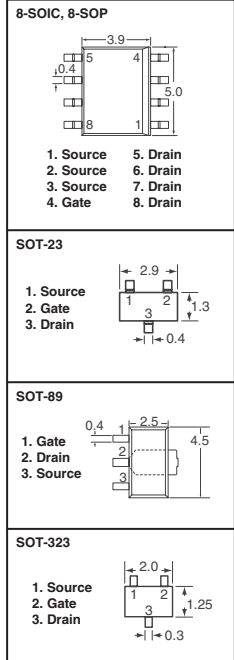


C

Package	Maximum Ratings				R _{DS(on)} (mΩ)				Qgd (nC)	Qg (nC)	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel Pricing		Renesas Part No.
	V _{DSS} (V)	V _{GSS} (V)	I _D (A)	Pch (W)	V _{GS} =4.5V		V _{GS} =10V					1	25	100		2,500	Reel	
					Typ.	Max.	Typ.	Max.										
N-Channel																		
LFPK	30	±20	60	65	2.1	2.9	1.6	2.1	8.8	42	RJK0328DPA-00#JOCT-ND	1.74	38.75	139.50	RJK0328DP-00#JOTR-ND	868.00/M	RJK0328DP-00#J0	
	30	±20	55	60	2.4	3.4	1.8	2.3	7.3	35	RJK0329DPA-00#JOCT-ND	1.57	35.00	126.00	RJK0329DP-00#JOTR-ND	784.00/M	RJK0329DP-00#J0	
	30	±20	45	55	2.8	3.9	2.1	2.7	5.8	27	RJK0330DPA-00#JOCT-ND	1.37	30.63	110.25	RJK0330DP-00#JOTR-ND	686.00/M	RJK0330DP-00#J0	
	30	±20	40	50	3.5	4.9	2.6	3.4	4.8	22	RJK0331DPA-00#JOCT-ND	1.20	26.88	96.75	RJK0331DP-00#JOTR-ND	602.00/M	RJK0331DP-00#J0	
	30	±20	35	45	5.0	7.0	3.6	4.7	3.0	14	RJK0332DPA-00#JOCT-ND	1.01	22.50	81.00	RJK0332DP-00#JOTR-ND	504.00/M	RJK0332DP-00#J0	
	30	+16/-12	30	45	10	13	6.7	8.0	1.5	8	RJK0305DPA-00#JOCT-ND	.98	21.88	78.75	RJK0305DP-00#JOTR-ND	588.00/M	RJK0305DP-00#J0	
WPAK	30	±20	65	65	1.9	2.7	1.5	2.0	10.5	49	RJK0346DPA-00#JOCT-ND	1.76	39.38	141.75	RJK0346DP-00#JOTR-ND	882.00/M	RJK0346DP-00#J0	
	30	±20	50	55	2.5	3.5	1.9	2.5	7	34	RJK0348DPA-00#JOCT-ND	1.37	30.63	110.25	RJK0348DP-00#JOTR-ND	686.00/M	RJK0348DP-00#J0	
	30	±20	45	50	3.1	4.3	2.4	3.1	5.3	25	RJK0349DPA-00#JOCT-ND	1.18	26.25	94.50	RJK0349DP-00#JOTR-ND	588.00/M	RJK0349DP-00#J0	
	30	±20	40	45	4.3	6.0	3.2	4.2	3.7	17	RJK0351DPA-00#JOCT-ND	.98	21.88	78.75	RJK0351DP-00#JOTR-ND	490.00/M	RJK0351DP-00#J0	
	30	±20	35	40	5.4	7.6	4.0	5.2	3.0	14	RJK0353DPA-00#JOCT-ND	.90	20.00	72.00	RJK0353DP-00#JOTR-ND	448.00/M	RJK0353DP-00#J0	
	30	±20	30	25	11.8	16.5	8.2	10.7	1.4	6.3	RJK0355DPA-00#JOCT-ND	.67	15.00	54.00	RJK0355DP-00#JOTR-ND	336.00/M	RJK0355DP-00#J0	
SOP-8	30	±20	35	35	8.0	11.2	6.0	7.8	2.2	10	RJK0364DPA-00#JOCT-ND	.87	19.38	69.75	RJK0364DP-00#JOTR-ND	434.00/M	RJK0364DP-00#J0	
	30	±20	30	30	9.6	13.4	7.0	9.1	1.7	7.6	RJK0365DPA-00#JOCT-ND	.78	17.50	63.00	RJK0365DP-00#JOTR-ND	392.00/M	RJK0365DP-00#J0	
	30	±20	25	30	12.0	16.8	8.5	11.1	1.5	6.8	RJK0366DPA-00#JOCT-ND	.56	12.50	45.00	RJK0366DP-00#JOTR-ND	280.00/M	RJK0366DP-00#J0	
	30	±20	20	25	16	22.4	11	14.3	1.3	6.2	RJK0368DPA-00#JOCT-ND	.67	15.00	54.00	RJK0368DP-00#JOTR-ND	336.00/M	RJK0368DP-00#J0	
	30	±20	22	2.5	3.2	4.5	2.6	3.4	7.0	34	RJK0348DSP-00#JOCT-ND	1.26	28.13	101.25	RJK0348DS-00#JOTR-ND	630.00/M	RJK0348DS-00#J0	
	30	±20	20	2.5	3.6	5.0	2.9	3.8	5.3	25	RJK0349DSP-00#JOCT-ND	1.06	23.75	85.50	RJK0349DS-00#JOTR-ND	532.00/M	RJK0349DS-00#J0	
	30	±20	18	2.0	5.5	7.0	4.3	5.6	3.4	16	RJK0352DSP-00#JOCT-ND	.87	19.38	69.75	RJK0352DS-00#JOTR-ND	434.00/M	RJK0352DS-00#J0	
	30	±20	18	2.0	5.9	8.3	4.5	5.9	3.0	15	RJK0353DSP-00#JOCT-ND	.78	17.50	63.00	RJK0353DS-00#JOTR-ND	392.00/M	RJK0353DS-00#J0	
	30	±20	16	2.0	7.5	10.5	5.4	7.0	2.5	12	RJK0354DSP-00#JOCT-ND	.70	15.63	56.25	RJK0354DS-00#JOTR-ND	350.00/M	RJK0354DS-00#J0	
	30	±20	12	1.8	12.0	16.8	8.5	11.1	1.4	6.0	RJK0355DSP-00#JOCT-ND	.59	13.13	47.25	RJK0355DS-00#JOTR-ND	294.00/M	RJK0355DS-00#J0	
	30	±20	11	2.0	12.5	17.5	9.0	11.7	1.5	6.8	RJK0366DSP-00#JOCT-ND	.56	12.50	45.00	RJK0366DS-00#JOTR-ND	280.00/M	RJK0366DS-00#J0	
	30	±20	9	1.8	16	22.5	12	15.6	1.2	5.6	RJK0369DSP-00#JOCT-ND	.50	11.25	40.50	RJK0369DS-00#JOTR-ND	250.00/M	RJK0369DS-00#J0	
30	±20	8	1.8	19	27	14	19	1.0	3.8	RJK0371DSP-00#JOCT-ND	.48	10.63	38.25	RJK0371DS-00#JOTR-ND	238.00/M	RJK0371DS-00#J0		

Dimensions in (mm)

Package	V _{DSS} (V)	Typical R _{DS(on)} @ V _{GS} (mΩ)	I _D (A)	IDP (A)	PD Max. (W)	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel		Rohm Part No.	
							1	25	100		Qty.	Pricing		
N-Channel														
8-SOIC	30	27mΩ	4.5	6.5	26	RSS065N03TBC-ND	.75	15.03	45.09	RSS065N03TBR-ND	2,500	238.00/M	RSS065N03TB	
		15mΩ	4.5	9	36	RSS090N03TBC-ND	.75	15.03	45.09	RSS090N03TBR-ND	2,500	238.00/M	RSS090N03TB	
		12.5mΩ	4.5	10	40	RSS100N03TBC-ND	.87	17.37	52.11	RSS100N03TBR-ND	2,500	275.00/M	RSS100N03TB	
		10.3mΩ	4.5	11	44	RSS110N03TBC-ND	1.35	29.17	89.75	RSS110N03TBR-ND	2,500	477.00/M	RSS110N03TB	
		9.4mΩ	4.5	12	48	RSS120N03TBC-ND	1.10	21.96	65.88	RSS120N03TBR-ND	2,500	348.00/M	RSS120N03TB	
		8.6mΩ	4.5	12.5	50	RSS125N03TBC-ND	1.54	32.06	107.73	RSS125N03TBR-ND	2,500	667.00/M	RSS125N03TB	
8-SOP	30	7.4mΩ	4.5	13	52	RSS130N03TBC-ND	1.62	33.69	113.19	RSS130N03TBR-ND	2,500	701.00/M	RSS130N03TB	
		6mΩ	4.5	14	56	RSS140N03TBC-ND	1.44	31.28	96.25	RSS140N03TBR-ND	2,500	512.00/M	RSS140N03TB	
		20mΩ	10	7	—	RRS070N03TBT1CT-ND	1.04	20.70	62.10	RRS070N03TBT1TR-ND	2,500	328.00/M	RRS070N03TB1	
		11mΩ	10	10	—	RRS100N03TBT1CT-ND	1.01	21.94	67.50	RRS100N03TBT1TR-ND	2,500	359.00/M	RRS100N03TB1	
		9mΩ	10	11	—	RRS110N03TBT1CT-ND	1.50	32.50	100.00	RRS110N03TBT1TR-ND	2,500	532.00/M	RRS110N03TB1	
		7.5mΩ	10	12.5	—	RRS125N03TBT1CT-ND	1.61	34.94	107.50	RRS125N03TBT1TR-ND	2,500	572.00/M	RRS125N03TB1	
SOT-23	60	7.5mΩ	5	0.115	0.8	0.225	RK7002T116CT-ND	.34	5.00	13.00	RK7002T116TR-ND	3,000	47.00/M	RK7002T116
		1.1Ω	4	0.3	1.2	0.2	RK7002AT116CT-ND	.43	6.25	16.25	RK7002AT116TR-ND	3,000	59.00/M	RK7002AT116
		0.09Ω	4	3	—	0.5	RHP030N03T100CT-ND	.71	14.20	42.60	RHP030N03T100TR-ND	1,000	227.00	RHP030N03T100
		0.16Ω	4	2	—	—	RJP020N06T100CT-ND	.97	19.35	58.05	RJP020N06T100TR-ND	1,000	333.00	RJP020N06T100
SOT-89	60	0.25Ω	4	2	8	0.5	2SK3065T100CT-ND	.61	12.20	36.60	2SK3065T100TR-ND	1,000	195.00	2SK3065T100
		0.24Ω	4	2	—	—	RHP020N06T100CT-ND	.69	13.86	41.58	RHP020N06T100TR-ND	1,000	239.00	RHP020N06T100
SOT-323	30	1.4Ω	4	0.3	—	—	RHU003N03T106CT-ND	.45	7.69	21.32	RHU003N03T106TR-ND	3,000	82.00/M	RHU003N03T106
		5Ω	4	0.1	0.4	0.2	2SK3018T106CT-ND	.40	6.75	18.72	2SK3018T106TR-ND	3,000	72.00/M	2SK3018T106
		0.9Ω	4	0.3	—	—	RJU003N03T106CT-ND	.37	6.38	17.68	RJU003N03T106TR-ND	3,000	68.00/M	RJU003N03T106
		2.8Ω	4	0.2	0.8	0.2	RHU002N06T106CT-ND	.49	7.25	18.85	RHU002N06T106TR-ND	3,000	68.00/M	RHU002N06T106
SOT-323	60	1.7Ω	4	0.2	—	—	RJU002N06T106CT-ND	.45	7.69	21.32	RJU002N06T106TR-ND	3,000	82.00/M	RJU002N06T106



* Maximum

(Continued)

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

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