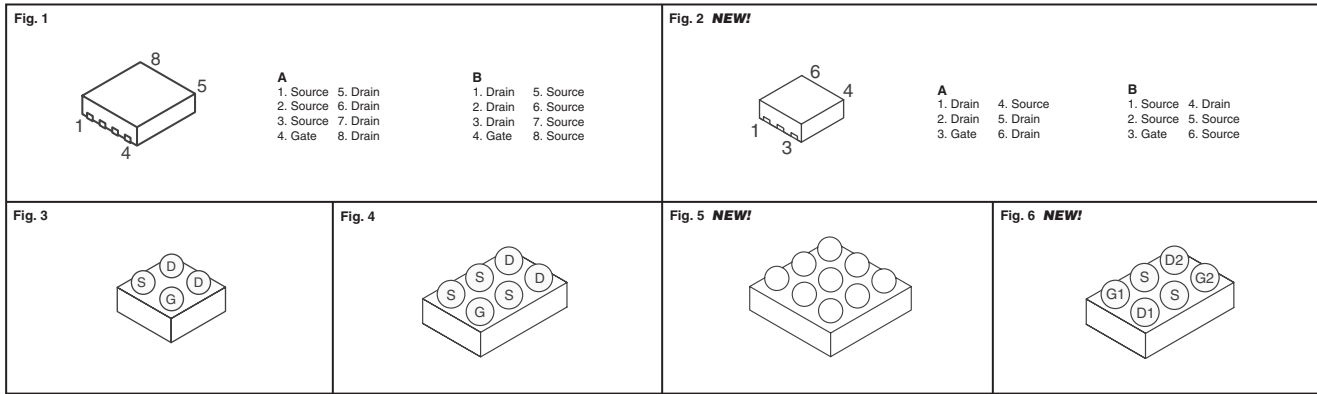




Ciclon NexFET Power MOSFETS



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Fig.	Vds	Vgs	Typical Rds (on) (mΩ)					Typical Qg @ 4.5V (nc)	Typical Qgd (nc)	Package	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel		Texas Instruments Part No.
			@10V	@4.5V	@2.5V	@1.0V	@1.5V					1	25	100		Qty.	Pricing	
N-Channel																		
1A	25	16	3.1	4.1	—	—	9.0	2.5	8-QFN	296-24524-1-ND	2.95	2.28	2.07	296-24524-2-ND	2,500	1136.19/M	CSD1641305A	
	25	16	1.3	1.8	—	—	21.0	5.2	8-SON	296-24525-1-ND	5.72	4.68	4.20	296-24525-2-ND	2,500	2537.21/M	CSD1640105	
	25	16	2.2	2.9	—	—	13.3	3.5	8-SON	296-24249-1-ND	3.37	2.75	2.47	296-24249-2-ND	2,500	1492.48/M	CSD1640305	
	25	16	4.1	5.7	—	—	6.5	1.7	8-SON	296-24250-1-ND	2.56	1.97	1.79	296-24250-2-ND	2,500	984.70/M	CSD1640405A	
	25	16	4.2	5.9	—	—	5.8	1.5	8-SON	296-24251-1-ND	2.75	2.13	1.93	—	—	—	CSD1640603	
	25	16	1.8	2.5	—	—	13.3	3.5	8-SON	296-24252-1-ND	3.87	3.17	2.84	296-24252-2-ND	2,500	1716.35/M	CSD1640705	
	25	16	6.2	9.5	—	—	4.0	1.0	8-SON	296-24253-1-ND	2.36	1.82	1.65	296-24253-2-ND	2,500	908.95/M	CSD1640903	
	25	16	8	12	—	—	2.9	0.7	8-SON	296-24255-1-ND	2.17	1.67	1.52	296-24255-2-ND	2,500	833.21/M	CSD1641103	
	25	16	9.0	13.0	—	—	2.8	0.7	8-SON	296-24256-1-ND	1.96	1.52	1.38	296-24256-2-ND	2,500	757.46/M	CSD1641205A	
	25	16	1.5	2.1	—	—	16.6	4.4	8-SON	296-24257-1-ND	4.21	3.44	3.09	296-24257-2-ND	2,500	1866.16/M	CSD1641405	
	25	16	—	2.1	—	—	14.0	2.5	8-SON	296-24517-1-ND NEW!	4.21	3.44	3.09	296-24517-2-ND NEW!	2,500	1865.60/M	CSD1632105	
	25	16	—	4.4	—	—	6.2	1.1	8-SON	296-24522-1-ND NEW!	3.14	2.43	2.20	296-24522-2-ND NEW!	2,500	1211.94/M	CSD1632303	
	25	18	—	1.7	—	—	18	3.5	8-SON	296-24964-1-ND NEW!	4.71	3.85	3.46	296-24964-2-ND NEW!	2,500	2089.46/M	CSD1632505	
	25	18	—	4.6	—	—	6.8	1.3	8-SON	296-25112-1-ND NEW!	3.14	2.43	2.20	296-25112-2-ND NEW!	2,500	1211.94/M	CSD1632205	
	25	18	—	2.1	—	—	14	2.5	8-SON	296-25643-1-ND NEW!	4.54	3.72	3.34	296-25643-2-ND NEW!	2,500	2015.40/M	CSD1632105C	
	25	18	—	4.6	—	—	6.8	1.3	8-SON	296-25644-1-ND NEW!	3.34	2.58	2.34	296-25644-2-ND NEW!	2,500	1288.24/M	CSD1632205C	
	25	18	—	1.7	—	—	18	3.5	8-SON	296-25645-1-ND NEW!	5.22	4.27	3.83	296-25645-2-ND NEW!	2,500	2313.90/M	CSD1632505C	
	25	18	—	4.3	6.1	—	6.5	1.2	8-SON	296-25646-1-ND NEW!	3.14	2.43	2.20	296-25646-2-ND NEW!	2,500	1211.94/M	CSD1634003	
	25	28	3.6	5.4	—	—	6.7	1.9	8-SON	296-25647-1-ND NEW!	3.34	2.58	2.34	296-25647-2-ND NEW!	2,500	1288.24/M	CSD1640805C	
	25	28	1.8	2.5	—	—	13.3	3.5	8-SON	296-25664-1-ND NEW!	4.04	3.30	2.97	296-25664-2-ND NEW!	2,500	1790.97/M	CSD1640705C	
	25	1.4	—	5	—	—	8.2	1	8-SON	296-27532-1-ND NEW!	5.89	4.81	4.32	296-27532-2-ND NEW!	2,500	2612.39/M	CSD8635005D	
	25	28	3.6	5.4	—	—	6.7	1.9	8-SON	296-25321-1-ND NEW!	2.95	2.28	2.07	296-25321-2-ND NEW!	2,500	1136.19/M	CSD1640805	
	30	1.3	—	9.4	—	—	3.9	0.8	8-SON	296-27210-1-ND NEW!	2.17	1.67	1.52	296-27210-2-ND NEW!	2,500	833.76/M	CSD1730803	
	30	1.1	—	2.3	—	—	19.0	4.3	8-SON	296-25795-1-ND NEW!	3.37	2.75	2.47	296-25795-2-ND NEW!	2,500	1492.48/M	CSD1730105A	
	30	1.2	—	7.3	—	—	5.4	1.2	8-SON	296-25854-1-ND NEW!	2.17	1.67	1.52	296-25854-2-ND NEW!	2,500	833.77/M	CSD1730205A	
30	1.1	—	2.0	—	—	18.0	4.0	8-SON	296-27232-1-ND NEW!	3.87	3.17	2.84	296-27232-2-ND NEW!	2,500	1716.91/M	CSD1730305A		
30	1.3	—	6.9	—	—	5.1	1.1	8-SON	296-27509-1-ND NEW!	2.36	1.82	1.65	296-27509-2-ND NEW!	2,500	908.95/M	CSD1730403		
30	1.1	—	2.8	—	—	14.1	3.0	8-SON	296-25855-1-ND NEW!	3.34	2.58	2.34	296-25855-2-ND NEW!	2,500	1288.24/M	CSD1730505A		
30	1.1	—	3.3	—	—	11.8	2.4	8-SON	296-25856-1-ND NEW!	2.95	2.28	2.07	296-25856-2-ND NEW!	2,500	1136.75/M	CSD1730605A		
30	1.3	—	9.7	—	—	4.0	1.0	8-SON	296-25857-1-ND NEW!	1.96	1.52	1.38	296-25857-2-ND NEW!	2,500	757.46/M	CSD1730705A		
30	1.2	—	4.9	—	—	7.5	1.7	8-SON	296-27250-1-ND NEW!	2.75	2.13	1.93	296-27250-2-ND NEW!	2,500	1060.44/M	CSD1730903		
30	1.3	—	4.5	—	—	8.9	2.1	8-SON	296-25858-1-ND NEW!	2.56	1.97	1.79	296-25858-2-ND NEW!	2,500	985.26/M	CSD1731005A		
2A	25	18	—	23	—	—	2.0	0.4	6-SON	296-25260-1-ND NEW!	1.54	1.22	1.10	296-25260-2-ND NEW!	3,000	565.57/M	CSD1630102	
	30	2.1	—	26.0	—	—	2.1	0.4	6-SON	296-27233-1-ND NEW!	1.54	1.22	1.10	296-27233-2-ND NEW!	3,000	565.57/M	CSD1731302	
P-Channel — RoHS Compliant																		
1B	20	12	—	8.7	13.5	—	—	8.8	2.1	8-SON	296-24260-1-ND	3.14	2.43	2.20	296-24260-2-ND	2,500	1211.94/M	CSD2540103
2B	20	8	—	39.0	56.0	71.0	—	2.6	0.5	6-SON	296-25444-1-ND NEW!	1.54	1.22	1.10	296-25444-2-ND NEW!	3,000	565.57/M	CSD2530202
3	12	5	—	66.0	77.0	—	110.0	1.9	0.40	4-DSBGA	296-24258-1-ND	1.66	1.32	1.19	296-24258-2-ND	3,000	612.70/M	CSD23201W10
4	20	8	—	62.0	80.0	—	175.0	2.0	0.32	6-DSBGA	296-24259-1-ND	1.83	1.45	1.31	296-24259-2-ND	3,000	675.54/M	CSD25301W015
	20	8	—	80.0	101.0	150.0	—	1.5	0.30	6-DSBGA	296-24261-1-ND	1.80	1.42	1.28	296-24261-2-ND	3,000	659.83/M	CSD75301W1015
5	-20	-0.7	—	33.0	42.0	52.0	—	4.3	0.7	9DSBGA	296-27609-1-ND NEW!	2.17	1.67	1.52	296-27609-2-ND NEW!	3,000	833.77/M	CSD25201W15
	-20	-0.7	—	80.0	105.0	140.0	—	2.8	0.6	9DSBGA	296-25334-1-ND NEW!	2.17	1.67	1.52	296-25334-2-ND NEW!	3,000	833.21/M	CSD75204W15
6	-20	-0.65	—	95.0	115.0	145.0	—	1.6	0.4	9DSBGA	296-25335-1-ND NEW!	2.17	1.67	1.52	296-25335-2-ND NEW!	3,000	833.21/M	CSD75205W1015

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