

TEXAS INSTRUMENTS Power Management ICs



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For quantities greater than listed, call for quote.

PWM POWER SUPPLY CONTROLLERS (CONT.)

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Duty Cycle (Max.) (%)	PWM Outputs	Frequency (Max.) (kHz)	UVLO Thresholds On/Off (V)	Current Limiting	Error Amplifier	Price Each					
									1	25	100	250		
Current Mode (Cont.)														
595-UC3843AD	UC3843AD	SOIC-14	100	1	450	8.4/7.6	Yes	Yes	2.42	2.22	1.76	1.48		
595-UC3843AD8	UC3843AD8	SOIC-8	100	1	450	8.4/7.6	Yes	Yes	2.42	2.22	1.76	1.48		
595-UC3843AN	UC3843AN	PDIP-8	100	1	450	8.4/7.6	Yes	Yes	2.45	2.25	1.77	1.67		
595-UCC2803QDRQ1	UCC2803QDRQ1	SOIC-8	100	1	1000	4.1/3.6	Yes	Yes	3.85	3.14	2.66	2.40		
595-UCC2802D	UCC2802D	SOIC-8	100	1	1000	12.5/8.3	Yes	Yes	3.40	3.11	2.49	2.18		
595-UCC2809D-1	UCC2809D-1	SOIC-8	100	1	1000	10/8	Yes	No	2.67	2.44	1.95	1.71		
595-UCC28C40D	UCC28C40D	SOIC-8	100	1	1000	7/6.6	Yes	Yes	2.28	2.10	1.66	1.56		
595-UCC28C43P	UCC28C43P	PDIP-8	100	1	1000	8.4/7.6	Yes	Yes	2.42	2.22	1.76	1.48		
595-UCC3803D	UCC3803D	SOIC-8	100	1	1000	4.1/3.6	Yes	Yes	3.32	3.03	2.42	2.11		
595-UCC3813N-0	UCC3813N-0	PDIP-8	100	1	1000	7.2/6.9	Yes	Yes	2.92	2.66	2.13	1.86		
595-UCC3813D-3	UCC3813D-3	SOIC-8	100	1	1000	4.1/3.6	Yes	Yes	2.92	2.66	2.13	1.86		
595-UCC38C42P	UCC38C42P	PDIP-8	100	1	1000	14.5/9	Yes	Yes	2.28	2.10	1.66	1.56		
595-UCC38C43D	UCC38C43D	SOIC-8	100	1	1000	8.4/7.6	Yes	Yes	2.28	2.10	1.66	1.56		
595-UC2825DW	UC2825DW	SOIC-16	50	2	1000	9.2/8.4	Yes	Yes	4.68	4.27	3.42	2.97		
595-UC2825ADW	UC2825ADW	SOIC-16	50	2	1000	16/10	Yes	Yes	7.37	6.86	6.19	5.69		
595-UC2846DW	UC2846DW	SOIC-16	50	2	450	7.7/6.95	Yes	Yes	4.92	4.50	3.60	3.13		
595-UC2846N	UC2846N	PDIP-16	50	2	450	7.7/6.95	Yes	Yes	4.92	4.50	3.60	3.13		
595-UC2856QDWR	UC2856QDWR	SOIC-16	50	2	1000	7.7	No	No	6.00	4.90	4.10	3.70		
595-UC3856N	UC3856N	PDIP-16	50	2	1000	7.7/7	Yes	Yes	4.98	4.55	3.65	3.19		
595-UC3846N	UC3846N	PDIP-16	50	2	450	7.7/6.95	Yes	Yes	4.68	4.27	3.42	2.97		
595-UCC2806DW	UCC2806DW	SOIC-16	50	2	1000	7.5/6.75	Yes	Yes	11.03	10.54	7.92	7.76		
595-UCC28084P	UCC28084P	PDIP-8	50	2	1000	4.3/4.1	Yes	No	3.40	3.11	2.49	2.18		
595-UCC3806DW	UCC3806DW	SOIC-16	50	2	1000	7.5/6.75	Yes	Yes	10.78	8.82	6.81	6.37		
595-UC3808D-1	UC3808D-1	SOIC-8	50	2	1000	12.5/8.3	Yes	Yes	2.92	2.66	2.13	1.86		
595-UCC3808N-2	UCC3808N-2	PDIP-8	50	2	1000	4.3/4.1	Yes	Yes	2.92	2.66	2.13	1.86		
595-UCCD3138RGCT	UCCD3138RGCT	VQFN-64	50	2	2000	-	Yes	No	11.37	9.32	8.43	7.74		
595-UC2827DW-1	UC2827DW-1	SOIC-24	50	3	450	9/8.4	Yes	Yes	9.68	7.92	6.11	5.72		
Current Mode, Voltage														
595-UCC28250RGPT	UCC28250RGPT	TSSOP-20	100	1	1000	4.3/4.1	No	No	5.28	4.31	3.87	3.70		
595-UC3825DW	UC3825DW	SOIC-16	50	2	1000	9.2/8.4	Yes	Yes	4.46	4.07	3.26	2.83		
595-UC3825N	UC3825N	PDIP-16	50	2	1000	9.2/8.4	Yes	Yes	4.46	4.07	3.26	2.83		
595-UC3825ADW	UC3825ADW	SOIC-16	50	2	1000	16/10	Yes	Yes	6.95	6.48	5.85	5.37		
595-UC3825AN	UC3825AN	PDIP-16	50	2	1000	16/10	Yes	Yes	6.95	6.48	5.85	5.37		
595-UC2875N	UC2875N	PDIP-20	100	4	1000	10.7/9.2	Yes	Yes	12.19	11.65	8.75	8.57		
595-UC3875DWP	UC3875DWP	SOIC-28	100	4	1000	10.7/9.5	Yes	Yes	11.09	10.60	8.06	7.89		
595-UC3875N	UC3875N	PDIP-20	100	4	1000	10.7/9.5	Yes	Yes	11.09	10.60	8.06	7.89		
595-UC3876N	UC3876N	PDIP-20	100	4	1000	15.2/9.2	Yes	Yes	18.84	18.01	13.68	13.40		
595-UC3879N	UC3879N	PDIP-20	100	4	500	10.75/9	Yes	Yes	9.68	9.01	8.13	7.47		
595-UCC2895DW	UCC2895DW	SOIC-20	100	4	1000	11/9	Yes	Yes	9.68	7.92	6.11	5.72		
595-UCC2895N	UCC2895N	PDIP-20	100	4	1000	11/9	Yes	Yes	9.68	7.92	6.11	5.72		
595-UC2879DW	UC2879DW	SOIC-20	100	4	500	10.8/9	Yes	Yes	10.43	9.72	8.77	8.06		
595-UCC3895DW	UCC3895DW	SOIC-20	100	4	1000	11/9	Yes	Yes	9.12	8.51	7.68	7.05		
Voltage														
595-UCC2889D	UCC2889D	SOIC-8	55	1	250	8.4/6.3	No	Yes	2.20	2.00	1.39	1.33		
595-UCC2581D	UCC2581D	SOIC-14	83	1	100	7.3/6.8	Yes	No	4.98	4.55	3.64	3.18		
595-UCC28950PW	UCC28950PW	TSSOP-24	97	1	1000	6.75/6.15	Yes	Yes	10.20	9.38	6.87	6.62		
595-UC3865DW	UC3865DW	SOIC-16	5	2	450	16.5/10.5	No	Yes	5.75	5.12	4.62	4.44		
595-SG2524DR	SG2524DR	SOIC-16	45	2	722	-	No	Yes	1.04	.83	.747	.65		
595-SG2524N	SG2524N	PDIP-16	45	2	722	-	No	Yes	1.08	.86	.663	.662		
595-SG3524D	SG3524D	SOIC-16	45	2	722	-	No	Yes	1.18	.94	.823	.722		
595-SG3524N	SG3524N	PDIP-16	45	2	722	-	No	Yes	.77	.678	.52	.514		
595-TL494CD	TL494CD	SOIC-16	45	2	300	-	No	Yes	.58	.52	.398	.394		
595-TL494CN	TL494CN	PDIP-16	45	2	300	-	No	Yes	.52	.444	.335	.33		
595-TL494CNSR	TL494CNSR	SOIC-16	45	2	300	-	No	Yes	.58	.448	.401	.347		
595-TL494CPWR	TL494CPWR	TSSOP-16	45	2	300	-	No	Yes	.76	.53	.456	.394		
595-TL494ID	TL494ID	SOIC-16	45	2	300	-	No	Yes	.58	.52	.398	.394		
595-TL494IN	TL494IN	PDIP-16	45	2	300	-	No	Yes	.64	.564	.432	.427		
595-TL594CD	TL594CD	SOIC-16	45	2	300	6.1/6	No	Yes	.97	.77	.618	.456		
595-TL594CN	TL594CN	PDIP-16	45	2	300	6.1/6	No	Yes	.78	.708	.544	.543		
595-TL594CPWR	TL594CPWR	TSSOP-16	45	2	300	6.1/6	No	Yes	.99	.77	.682	.591		
595-TL594ID	TL594ID	SOIC-16	45	2	300	6.1/6	No	Yes	.97	.77	.618	.456		
595-TL594IN	TL594IN	PDIP-16	45	2	300	6.1/6	No	Yes	.66	.609	.469	.468		
595-TL594INSR	TL594INSR	SOIC-16	45	2	300	6.1/6	No	Yes	.94	.75	.675	.587		
595-TL598CD	TL598CD	SOIC-16	45	2	300	6.1/6	No	Yes	1.61	1.48	1.17	1.03		
595-TL598CN	TL598CN	PDIP-16	45	2	300	6.1/6	No	Yes	1.71	1.37	1.23	.968		
595-UC2524ADW	UC2524ADW	SOIC-16	50	2	450	7.5/7	Yes	Yes	2.58	2.36	1.89	1.64		
595-UC2524AN	UC2524AN	PDIP-16	50	2	450	7.5/7	Yes	Yes	2.58	2.36	1.89	1.64		
595-UC2525AN	UC2525AN	PDIP-16	50	2	450	7/6.8	Yes	Yes	3.05	2.79	2.23	1.94		
595-UC2526ADW	UC2526ADW	SOIC-18	50	2	450	7/6.8	Yes	Yes	3.47	2.79	2.54	2.29		
595-UC2526AN	UC2526AN	PDIP-18	50	2	450	7/6.8	Yes	Yes	3.05	2.79	2.23	1.94		
595-UC3525AN	UC3525AN	PDIP-16	50	2	450	7/6.8	Yes	Yes	2.70	2.67	2.28	2.08		
595-UC3526ADW	UC3526ADW	SOIC-18	50	2	450	7/6.8	Yes	Yes	2.34	1.99	1.65	1.62		
595-UC3526AN	UC3526AN	PDIP-18	50	2	450	7/6.8	Yes	Yes	2.34	1.99	1.65	1.62		
595-UC3526DW	UC3526DW	SOIC-18	50	2	450	7/6.8	Yes	Yes	2.34	1.99	1.65	1.62		
595-UCC25600D	UCC25600D	SOIC-8	50	2	350	10.5/9.5	Yes	No	2.32	2.12	1.68	1.58		
595-UCC25230DRMT	UCC25230DRMT	VSON-8	85	2	380	8/7.3	Yes	Yes	3.88	3.10	2.48	2.07		

POWER FACTOR CORRECTION ICs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	UVLO Thresholds On/Off (V)	Operating Supply (Max.) (V)	Startup Current (mA)	Practical Operating Frequency (Max.) (MHz)	Operating Supply Current (mA)	Price Each			
								1	25	100	250
595-UCC2819D	UCC2819D	SOIC-16	10.2/9.7	17	0.15	0.25	4	3.65	3.33	2.66	2.33
595-UCC2817N	UCC2817N	PDIP-16	16/10	18	0.15	0.25	4	3.65	3.33	2.66	2.33
595-UCC2818AD	UCC2818AD	SOIC-16	10.5/10	18	0.15	0.25	4	3.52	3.22	2.57	2.25
595-UCC28051D	UCC28051D	SOIC-8	16/10	18	0.075	0.2	4	2.15	1.97	1.55	1.31
595-UCC28513DW	UCC28513DW	SOIC-20	10.2/9.7	18	0.1	0.5	4	5.29	4.83	3.87	3.37
595-UCC38503DW	UCC38503DW	SOIC-20	10.5/10	18	0.15	0.2	4	6.19	5.77	5.21	4.78
595-UC2854BDW	UC2854BDW	SOIC-16	10.5/10	20	0.25	0.2	12	4.50	4.11	3.29	2.88
595-UC3854AN	UC3854AN	PDIP-16	16/10	20	0.25	0.2	12	4.01	3.66	2.93	2.56
595-UC3854BN	UC3854BN	PDIP-16	10.5/10	20	0.25	0.2	12	4.01	3.66	2.93	2.56
595-UCC28060D	UCC28060D	SOIC-16	12/10	21	0.2	0.5	5	3.28	3.00	2.40	2.10