

TEXAS INSTRUMENTS Power Management ICs



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LITHIUM ION PROTECTION

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Li-Ion	Li-Polymer	Cells Protected (Max.)	Protection FETs	Shutdown Current (µA)	Over Current Delay	Over Current Protection	Serial Bus	Price Each			
											1	25	100	250
											595-UCC3911DP-1	UCC3911DP-1	SOIC-16	Yes
595-BQ29312PW	BQ29312PW	TSSOP-24	No	No	2,3,4	External	1	Yes	Yes	Yes	4.54	3.64	2.92	2.54
595-BQ29330DBT	BQ29330DBT	SM8-30	Yes	Yes	2,4	External	1	Yes	Yes	Yes	2.95	2.70	2.46	2.22
595-BQ29311PW	BQ29311PW	TSSOP-24	Yes	Yes	3,4	External	1	Yes	Yes	Yes	2.95	2.70	2.16	1.88
595-BQ29312APW	BQ29312APW	TSSOP-24	Yes	Yes	4	External	1	Yes	Yes	No	2.95	2.70	2.16	1.88
595-BQ29312ARTHR	BQ29312ARTHR	QFN-24	Yes	Yes	4	External	1	Yes	Yes	No	2.96	2.42	2.17	1.85
595-BQ29411DCTRG4	BQ29411DCTRG4	SM8-8	Yes	No	2,3,4	External	2	No	No	No	1.17	1.07	.86	.645
595-BQ29412DCT3R	BQ29412DCT3R	SM8-8	Yes	Yes	4	External	2	No	No	No	1.69	1.33	1.20	1.04
595-BQ29412PW	BQ29412PW	TSSOP-8	Yes	Yes	4	External	2	No	No	No	1.45	1.36	1.08	.947
595-BQ294582DRVT	BQ294582DRVT	SON-6	Yes	No	2,3	Internal	1	No	Yes	No	1.61	1.38	1.15	.69
595-BQ294602DRVT	BQ294602DRVT	SON-6	Yes	No	1	External	1	No	Yes	No	1.53	1.31	1.10	.656
595-BQ76925PW	BQ76925PW	TSSOP-20	Yes	Yes	3	External	1	No	Yes	Yes	4.43	4.05	3.24	2.82
595-BQ76925RGET	BQ76925RGET	QFN-24	Yes	Yes	3,6	External	1.5	No	No	Yes	4.38	3.50	2.80	2.33

ISOLATED DC-DC CONVERTERS

MOUSER STOCK NO.	Texas Instruments Part No.	Package	V _{in} (Min.)	V _{in} (Max.)	I _{out} (Max.)	P _O (W)	48V Bus	24V Bus	Excalibur	V _O Adjustable	Price Each			
											1	25	100	250
											1W & 2W Miniature			
595-DCH010505DN7	DCH010505DN7	SIP Module-5	4.5	5.5	0.1	-	No	No	No	No	10.49	8.60	7.76	7.13
595-DCH010505SN7	DCH010505SN7	SIP Module-4	4.5	5.5	0.2	-	No	No	No	No	10.62	8.71	7.85	7.21
595-DCH010512DN7	DCH010512DN7	SIP Module-5	4.5	5.5	0.042	-	No	No	No	No	10.49	8.60	7.76	7.13
595-DCH010512SN7	DCH010512SN7	SIP Module-4	4.5	5.5	0.083	-	No	No	No	No	10.49	8.60	7.76	7.13
595-DCH010515DN7	DCH010515DN7	SIP Module-5	4.5	5.5	0.033	-	No	No	No	No	10.62	8.71	7.85	7.21
595-DCH010515SN7	DCH010515SN7	SIP Module-4	4.5	5.5	0.067	-	No	No	No	No	10.49	8.60	7.76	7.13
595-DCP010505BP-U	DCP010505BP-U	SOP-14	4.5	5.5	0.2	-	No	No	No	No	10.40	9.84	7.43	7.28
595-DCP020515DU	DCP020515DU	SO-28	4.5	5.5	0.066	-	No	No	No	No	9.72	9.20	8.05	7.36
595-DCP020505U	DCP020505U	SO-28	4.5	5.5	0.4	-	No	No	No	No	11.17	10.58	9.25	8.46
595-DCR010505U	DCR010505U	SO-28	4.5	5.5	0.2	-	No	No	No	No	13.09	11.00	10.11	9.22
595-DCR010505UE4	DCR010505UE4	SO-28	4.5	5.5	0.2	-	No	No	No	No	12.04	11.00	8.26	8.09
595-DCR010505U/1K	DCR010505U/1K	SO-28	4.5	5.5	0.2	-	No	No	No	No	13.69	11.60	10.71	9.22
595-DCR012405P	DCR012405P	PDIP-10	21.6	26.4	0.2	-	No	No	No	No	13.09	11.00	10.11	9.22
Single Output														
595-SN6501DBVT	SN6501DBVT	SOT-23	3	5.5	0.35	-	No	No	No	No	2.97	2.48	1.98	1.39
595-PT4142A	PT4142A	DIP Module-6	18	40	4	20	No	Yes	No	Yes	56.36	49.71	47.23	44.23
595-PT4142C	PT4142C	DIP Module-6	18	40	4	20	No	Yes	No	Yes	56.36	49.71	47.23	44.23
595-PT4143A	PT4143A	DIP Module-6	18	40	1.6	20	No	Yes	No	Yes	56.36	49.71	47.23	44.23
595-PT4144C	PT4144C	DIP Module-6	18	40	1.3	20	No	Yes	No	Yes	53.04	51.37	47.51	44.23
595-PT4582A	PT4582A	SIP Module-19	18	60	6	30	No	Yes	Yes	Yes	74.61	66.69	63.30	60.13
595-PTA404120N2AD	PTA404120N2AD	DIP Module-8	36	75	4.2	50	Yes	No	No	Yes	48.45	41.90	39.28	36.66
595-PTMA402050N2AD	PTMA402050N2AD	DIP Module-5	36	75	2	10	Yes	No	No	No	28.96	25.20	19.47	19.20
595-PTQA420050N2AD	PTQA420050N2AD	DIP Module-8	36	75	20	100	Yes	No	No	No	58.81	51.89	49.29	46.70
595-PTQA430033N2AD	PTQA430033N2AD	DIP Module-8	36	75	30	100	Yes	No	No	No	58.81	51.89	49.29	46.70
Dual Output														
595-PTB48510CAZ	PTB48510CAZ	SIP Module-8	36	76	2.2	66	Yes	No	No	Yes	60.80	54.29	51.28	49.41

NON-ISOLATED POL

MOUSER STOCK NO.	Texas Instruments Part No.	Package	V _{in} (Min.)	V _{in} (Max.)	V _{out} (Min.)	V _{out} (Max.)	I _{out} (Max.)	Topology	3.3V Bus	5V Bus	12V Bus	24V Bus	Price Each		
													1	25	100
													96% Efficient		
595-PTH04T241WAZT	PTH04T241WAZT	SIP Module-11	2.2	5.5	0.69	3.6	10	Buck, Boost	Yes	Yes	No	No	19.96	17.28	16.19
595-PTH04T220WAD	PTH04T220WAD	DIP Module-11	2.2	5.5	0.69	3.6	16	Buck	Yes	Yes	No	No	18.89	17.63	16.37
595-PTH04T220WAZ	PTH04T220WAZ	DIP Module-11	2.2	5.5	0.69	3.6	16	Buck	Yes	Yes	No	No	18.89	17.63	16.37
595-PTH04T230WAZ	PTH04T230WAZ	DIP Module-10	2.2	5.5	0.69	3.6	6	Buck	Yes	Yes	No	No	17.17	14.44	13.27
595-PTH05020WAH	PTH05020WAH	DIP Module-10	4.5	5.5	0.8	3.6	22	Buck	No	Yes	No	No	28.96	25.20	19.47
595-PTH05050WAH	PTH05050WAH	DIP Module-6	4.5	5.5	0.8	3.6	6	Buck	No	Yes	No	No	15.17	12.75	11.72
595-PTH05060WAH	PTH05060WAH	DIP Module-10	4.5	5.5	0.8	3.6	10	Buck	No	Yes	No	No	21.55	18.12	16.65
595-PTH05060WAZ	PTH05060WAZ	DIP Module-10	4.5	5.5	0.8	3.6	10	Buck	No	Yes	No	No	21.55	18.12	16.65
595-PTN78020WAH	PTN78020WAH	DIP Module-7	7	36	2.5	12.6	6	Buck	No	No	Yes	Yes	30.00	25.50	23.62
595-PTN78060WAH	PTN78060WAH	DIP Module-7	7	36	2.5	12.6	3	Buck	No	No	Yes	Yes	22.00	18.70	17.32
595-PTN78020HAH	PTN78020HAH	DIP Module-7	15	36	11.85	22	6	Buck	No	No	No	Yes	37.06	31.50	29.24
595-PTN78060HAH	PTN78060HAH	DIP Module-7	15	36	11.85	22	3	Buck	No	No	No	Yes	27.50	23.37	21.65
95% Efficient															
595-PTH03010WAH	PTH03010WAH	DIP Module-10	2.95	3.65	0.8	2.5	15	Buck	Yes	No	No	No	21.43	19.48	18.08
595-PTH03000WAH	PTH03000WAH	DIP Module-5	3	3.6	0.9	2.5	6	Buck	Yes	No	No	No	15.18	12.76	11.73
595-PTH03000WAZ	PTH03000WAZ	DIP Module-5	3	3.6	0.9	2.5	6	Buck	Yes	No	No	No	15.18	12.76	11.73
595-PTH05T210WAD	PTH05T210WAD	DIP Module-14	4.5	5.5	0.7	3.6	30	Buck	No	Yes	No	No	38.03	35.99	31.50
595-PTH05T210WAH	PTH05T210WAH	DIP Module-14	4.5	5.5	0.7	3.6	30	Buck	No	Yes	No	No	38.03	35.99	31.50
595-PTH05T210WAZ	PTH05T210WAZ	DIP Module-14	4.5	5.5	0.7	3.6	30	Buck	No	Yes	No	No	38.03	35.99	31.50
595-PTV05010WAH	PTV05010WAH	SIP Module-8	4.5	5.5	0.8	3.6	8	Buck	No	Yes	No	No	18.80	15.81	14.53
595-PTH08T220WAD	PTH08T220WAD	DIP Module-11	4.5	14	0.7	5.5	16	Buck	No	Yes	Yes	No	21.72	20.27	18.83
595-PTH08T220WAH	PTH08T220WAH	DIP Module-11	4.5	14	0.7	5.5	16	Buck	No	Yes	Yes	No	18.89	17.63	16.37
595-PTH08T220WAZ	PTH08T220WAZ	DIP Module-11	4.5	14	0.7	5.5	16	Buck	No	Yes	Yes	No	18.89	17.63	16.37
595-PTH08T221WAD	PTH08T221WAD	DIP Module-11	4.5	14	0.7	5.5	16	Buck	No	Yes	Yes	No	18.89	17.63	16.37
595-PTH08T221WAZ	PTH08T221WAZ	DIP Module-11	4.5	14	0.7	5.5	16	Buck	No	Yes	Yes	No	18.89	17.63	16.37
595-PTH08T230WAD	PTH08T230WAD	DIP Module-10	4.5	14	0.7	5.5	6	Buck	No	Yes	Yes	No	17.37	14.61	13.42
595-PTH08T231WAZ	PTH08T231WAZ	DIP Module-10	4.5	14	0.7	5.5	6	Buck	No	Yes	Yes	No	17.17	14.44	13.27
595-PTH08T240WAD	PTH08T240WAD	DIP Module-11	4.5	14	0.7	5.5	10	Buck	No	Yes	Yes	No	21.60	18.35	17.00
595-PTH08T240WAH	PTH08T240WAH	DIP Module-11	4.5	14	0.7	5.5	10	Buck	No	Yes	Yes	No	21.34	18.14	16.83
595-PTH08T240WAZ	PTH08T240WAZ	DIP Module-11	4.5	14	0.7	5.5	10	Buck	No	Yes	Yes	No	21.34	18.14	16.83
595-PTH08T241WAD	PTH08T241WAD	DIP Module-11	4.5	14	0.7	5.5	10	Buck	No	Yes	Yes	No	21.34	18.14	16.83
595-PTH08T250WAZ	PTH08T250WAZ	DIP Module-22	4.5	14	0.7	3.6	50	Buck	No	Yes	Yes	No	60.49	53.37	50.70
595-PTH08T260WAD	PTH08T260WAD	DIP Module-10	4.5	14	0.69	5.5	3	Buck	No	Yes	Yes	No	13.59	11.42	10.50