

TEXAS INSTRUMENTS Power Management ICs



Power Management

Texas Instruments

Products may be RoHS compliant. Check mouser.com for RoHS status.

BATTERY CHARGE MANAGEMENT (CONT.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Lead Acid	Li-Ion	Li Polymer	NiCd	NiMH	No. of Series Cells	Integrated FET	Safety Charge Timer	Temperature Monitoring	Price Each			
												1	10	100	1000
595-BQ25071DQCT	BQ25071DQCT	WSO-10	No	No	No	No	No	1	No	No	Yes	2.29	2.05	1.65	.971
595-BQ25100AYFPT	BQ25100AYFPT	DSBGA-6	No	Yes	Yes	No	No	1	Yes	Yes	Yes	2.29	2.05	1.65	.971
595-BQ25100YFPT	BQ25100YFPT	DSBGA-6	No	Yes	Yes	No	No	1	Yes	Yes	Yes	2.29	2.05	1.65	.971
595-BQ25504RGTT	BQ25504RGTT	QFN-16	No	Yes	No	No	No	Multiple	No	No	Yes	5.84	5.24	4.30	2.75
595-BQ25570RGRT	BQ25570RGRT	VQFN-20	No	Yes	Yes	Yes	Yes	1	Yes	No	Yes	7.88	7.12	5.89	4.14
595-BQ27411DRZT-G1A	BQ27411DRZT-G1A	SON-12	No	Yes	No	No	No	1	No	No	Yes	3.01	2.71	2.22	1.42
595-BQ27532YZFT-G1	BQ27532YZFT-G1	DSBGA-15	No	Yes	No	No	No	1	No	No	No	3.56	3.20	2.62	1.68
595-BQ2954PNE4	BQ2954PNE4	PDIP-16	No	Yes	Yes	No	No	Multiple	No	Yes	Yes	5.00	4.49	3.68	2.36
595-BQ29700DSET	BQ29700DSET	WSO-6	No	Yes	Yes	No	No	1	Yes	No	No	.76	.639	.412	.33
595-BQ29703DSET	BQ29703DSET	WSO-6	No	Yes	Yes	No	No	1	No	No	No	.76	.639	.412	.33
595-BQ342100PW-G1	BQ342100PW-G1	TSSOP-14	Yes	Yes	Yes	Yes	Yes	Multiple	Yes	Yes	Yes	5.43	4.88	4.00	2.56
595-BQ40Z60RHB	BQ40Z60RHB	VQFN-32	No	Yes	Yes	No	No	Multiple	Yes	Yes	Yes	7.41	6.69	5.54	3.89
595-BQ51025YFPT	BQ51025YFPT	DSBGA-42	No	No	No	No	No	-	No	No	No	8.62	7.79	6.44	4.52
595-BQ7693001DBT	BQ7693001DBT	TSSOP-30	No	Yes	Yes	No	No	4	Yes	No	No	10.15	9.17	7.59	5.33
595-BQ7694000DBT	BQ7694000DBT	TSSOP-44	No	Yes	Yes	No	No	4	Yes	No	Yes	10.15	9.17	7.59	5.33
595-BQ7694001DBT	BQ7694001DBT	TSSOP-44	No	Yes	Yes	No	No	4	Yes	No	Yes	10.15	9.17	7.59	5.33
595-BQ7694002DBT	BQ7694002DBT	TSSOP-44	No	Yes	Yes	No	No	4	Yes	No	Yes	10.15	9.17	7.59	5.33
595-BQ7694003DBT	BQ7694003DBT	TSSOP-44	No	Yes	Yes	No	No	4	Yes	No	Yes	10.15	9.17	7.59	5.33
595-BQ771612DPJT	BQ771612DPJT	WSO-8	No	Yes	No	No	No	Multiple	No	No	No	1.55	1.39	1.12	.66
595-BQ771807DPJT	BQ771807DPJT	WSO-8	No	Yes	No	No	No	Multiple	No	No	No	2.10	1.89	1.52	.894
595-BQ771815DPJT	BQ771815DPJT	WSO-8	No	Yes	Yes	No	No	4	No	No	No	1.97	1.68	1.35	.97
595-UC2906DW	UC2906DW	SOIC-16	Yes	No	No	No	No	-	No	No	No	7.07	6.38	5.28	3.71
595-UC2906N	UC2906N	PDIP-16	Yes	No	No	No	No	-	No	No	No	6.55	5.89	4.82	3.09
595-UC3906DW	UC3906DW	SOIC-16	Yes	No	No	No	No	Multiple	No	No	No	7.07	6.38	5.28	3.71
595-UC3906N	UC3906N	PDIP-16	Yes	No	No	No	No	Multiple	No	No	No	6.55	5.89	4.82	3.09

LITHIUM ION PROTECTION

For quantities greater than listed, call for quote.

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	10	100	1000
595-BQ294602DRVT	BQ294602DRVT	SON-6	Yes	No	1	External	1	No	Yes	No	.62	.548	.42	.208
595-BQ76925RGET	BQ76925RGET	QFN-24	Yes	Yes	36	External	1.5	No	No	Yes	2.74	2.46	2.01	1.29

ISOLATED DC-DC CONVERTERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	V _{in} (V)		I _{out} (A)	P _o (W)	48V Bus	24V Bus	Excalibur	V _o Adjustable	Price Each			
			Min.	Max.							1	10	100	1000
1W & 2W Miniature														
595-DCH010505DN7	DCH010505DN7	SIP Module-5	4.5	5.5	0.1	-	No	No	No	No	7.03	6.82	6.22	5.02
595-DCH010505SN7	DCH010505SN7	SIP Module-4	4.5	5.5	0.2	-	No	No	No	No	7.03	6.82	6.22	5.02
595-DCH010512DN7	DCH010512DN7	SIP Module-5	4.5	5.5	0.042	-	No	No	No	No	7.03	6.82	6.22	5.02
595-DCH010512SN7	DCH010512SN7	SIP Module-4	4.5	5.5	0.083	-	No	No	No	No	7.03	6.82	6.22	5.02
595-DCH010515DN7	DCH010515DN7	SIP Module-5	4.5	5.5	0.033	-	No	No	No	No	7.03	6.82	6.22	5.02
595-DCH010515SN7	DCH010515SN7	SIP Module-4	4.5	5.5	0.067	-	No	No	No	No	7.03	6.82	6.22	5.02
595-DCP010505BP-U	DCP010505BP-U	SOP-14	4.5	5.5	0.2	-	No	No	No	No	9.12	8.98	7.74	6.91
595-DCP020515DU	DCP020515DU	SO-28	4.5	5.5	0.066	-	No	No	No	No	9.87	9.72	8.37	7.47
595-DCP020505U	DCP020505U	SO-28	4.5	5.5	0.4	-	No	No	No	No	9.87	9.72	8.37	7.47
595-DCR010505U	DCR010505U	SO-28	4.5	5.5	0.2	-	No	No	No	No	10.21	10.05	8.66	7.73
595-DCR010505U/1K	DCR010505U/1K	SO-28	4.5	5.5	0.2	-	No	No	No	No	10.21	10.05	8.66	7.73
Single Output														
595-SN6501DBVT	SN6501DBVT	SOT-23	3	5.5	0.35	-	No	No	No	No	2.33	2.09	1.68	.99
Charge Pumps														
926-LM2660MX/NOPB	LM2660MX/NOPB	SOIC-8	1.5	5.5	0.5	0.735	No	No	No	No	1.48	1.32	1.03	.563
926-LM2660MM/NOPB	LM2660MM/NOPB	MSOP-8	1.5	5.5	0.5	0.735	No	No	No	No	1.48	1.32	1.03	.563
926-LM2660M/NOPB	LM2660M/NOPB	SOIC-8	1.5	5.5	0.5	0.735	No	No	No	No	1.59	1.43	1.15	.675
926-LM2662M/NOPB	LM2662M/NOPB	SOIC-8	1.5	5.5	0.8	0.735	No	No	No	No	2.38	2.14	1.72	1.01
926-LM2663M/NOPB	LM2663M/NOPB	SOIC-8	1.5	5.5	0.8	0.735	No	No	No	No	2.38	2.14	1.72	1.01
926-LM828M5/NOPB	LM828M5/NOPB	SOT-23-5	1.8	5.5	0.075	0.240	No	No	No	No	.87	.75	.576	.402
926-LM2664M6/NOPB	LM2664M6/NOPB	SOT-23-6	1.8	5.8	0.5	0.600	No	No	No	No	.91	.802	.615	.304
926-LM2665M6/NOPB	LM2665M6/NOPB	SOT-23-6	1.8	5.8	1.25	0.600	No	No	No	No	.91	.802	.615	.304
926-LM2767M5/NOPB	LM2767M5/NOPB	SOT-23-5	1.8	5.8	0.09	0.400	No	No	No	No	.86	.716	.462	.37
926-LMC7660IM/NOPB	LMC7660IM/NOPB	SOIC-8	3	10	0.2	1.4	No	No	No	No	1.10	.943	.725	.506
926-LMC7660IMX/NOPB	LMC7660IMX/NOPB	SOIC-8	3	10	0.4	0.6	No	No	No	No	.92	.787	.604	.422
926-LMC7660IN/NOPB	LMC7660IN/NOPB	DIP-8	3	10	0.2	1.4	No	No	No	No	.92	.787	.604	.422
926-MAX660M/NOPB	MAX660M/NOPB	SOIC-8	3.5	5.5	0.5	0.735	No	No	No	No	1.56	1.32	1.06	.767
926-MAX660MX/NOPB	MAX660MX/NOPB	SOIC-8	3.5	5.5	0.5	0.735	No	No	No	No	1.45	1.23	.95	.663
926-LM2767M5X/NOPB	LM2767M5X/NOPB	SOT-23-5	3.6	11	0.9	0.400	No	No	No	No	.86	.716	.462	.37

NON-ISOLATED POL

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	V _{in} (V)		V _{out} (V)		I _{out} (A)	Topology	3.3V Bus	5V Bus	12V Bus	24V Bus	Price Each			
			Min.	Max.	Min.	Max.							1	10	100	1000
96% Efficient																
595-PTH04T220WAD	PTH04T220WAD	DIP Module-11	2.2	5.5	0.69	3.6	16	Buck	Yes	Yes	No	No	21.28	20.95	18.01	16.37
595-PTH04T220WAZ	PTH04T220WAZ	DIP Module-11	2.2	5.5	0.69	3.6	16	Buck	Yes	Yes	No	No	21.28	20.95	18.01	16.37
595-PTH04T230WAZ	PTH04T230WAZ	DIP Module-10	2.2	5.5	0.69	3.6	6	Buck	Yes	Yes	No	No	13.55	13.34	11.49	10.26
595-PTH05020WAH	PTH05020WAH	DIP Module-10	4.5	5.5	0.8	3.6	22	Buck	No	Yes	No	No	27.86	27.44	23.58	21.44
595-PTH05050WAH	PTH05050WAH	DIP Module-6	4.5	5.5	0.8	3.6	6	Buck	No	Yes	No	No	13.02	12.82	11.04	9.86
595-PTH05060WAH	PTH05060WAH	DIP Module-10	4.5	5.5	0.8	3.6	10	Buck	No	Yes	No	No	18.21	17.93	15.41	14.01
595-PTN78020WAH	PTN78020WAH	DIP Module-7	7	36	2.5	12.6	6	Buck	No	No	Yes	Yes	26.00	25.61	22.01	20.01
595-PTN78060WAH	PTN78060WAH	DIP Module-7	7	36	2.5	12.6	3	Buck	No	No	Yes	Yes	20.43	20.12	17.29	15.72
595-PTN78020HAH	PTN78020HAH	DIP Module-7	15	36	11.85	22	6	Buck	No	No	No	Yes	26.00	25.61	22.01	20.01
595-PTN78060HAH	PTN78060HAH	DIP Module-7	15	36	11.85	22	3	Buck	No	No	No	Yes	25.54	25.16	21.62	19.65
95% Efficient																
595-PTH03010WAH	PTH03010WAH	DIP Module-10	2.95	3.65	0.8	2.5	15	Buck	Yes	No	No	No	21.55	21.22	18.24	16.58
595-PTH03000WAH	PTH03000WAH	DIP Module-5	3	3.6	0.9	2.5	6	Buck	Yes	No	No	No	11.83	11.65	10.04	8.96
595-PTH03000WAZ	PTH03000WAZ	DIP Module-5	3	3.6	0.9	2.5	6	Buck	Yes	No	No	No	11.83	11.65	10.04	8.96
595-PTH05T210WAD	PTH05T210WAD	DIP Module-14	4.5	5.5	0.7	3.6	30	Buck	No	Yes	No	No	41.17	40.53	34.74	32.16
595-PTH05010WAH	PTH05010WAH	SIP Module-8	4.5	5.5	0.8	3.6	8	Buck	No	Yes	No	No	16.28	16.03	13.81	12.33
595-PTH08T220WAD	PTH08T220WAD	DIP Module-11	4.5	14	0.7	5.5	16	Buck	No	Yes	Yes	No	23.41	22.33	19.81	19.45
595-PTH08T220WAH	PTH08T220WAH	DIP Module-11	4.5	14	0.7	5.5	16	Buck	No	Yes	Yes	No	23.41	22.33	19.81	19.45
595-PTH08T220WAZ	PTH08T220WAZ	DIP Module-11	4.5	14	0.7	5.5	16	Buck	No	Yes	Yes	No	23.41	22.33	19.81	19.45
595-PTH08T221WAD	PTH08T221WAD	DIP Module-11	4.5	14	0.7	5.5	16	Buck	No	Yes	Yes	No	21.28	20.30	18.01	17.68
595-PTH08T230WAD	PTH08T230WAD	DIP Module-10	4.5	14	0.7	5.5	6	Buck	No	Yes	Yes	No	13.55	13.14	11.49	11.29
595-PTH08T240WAD	PTH08T240WAD	DIP Module-11	4.5	14	0.7	5.5	10	Buck	No	Yes	Yes	No	20.06	19.14	16.98	16.67
595-PTH08T240WAH	PTH08T240WAH	DIP Module-11	4.5	14	0.7	5.5	10	Buck	No	Yes	Yes	No	20.06	19.14	16.98	16.67
595-PTH08T240WAZ	PTH08T240WAZ	DIP Module-11	4.5	14	0.7	5.5	10	Buck	No	Yes	Yes	No	20.06	19.		