

TEXAS INSTRUMENTS Power Management ICs



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



For quantities greater than listed, call for quote.

SERIES VOLTAGE REFERENCES (CONT.)

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Vo	Initial Accuracy @ 25°C (%)	Temp Coeff (Max) (ppm/°C)	I _{out/Iz} (Max.) (mA)	I _q (Max.) (µA)	V _I (Min.)	V _I (Max.)	Price Each			
										1	25	100	250
595-REF5030AID	REF5030AID	SOIC-8	3	0.05	3	10	1000	3.2	18	4.62	3.71	3.38	3.05
595-REF3330AIDBZT	REF3330AIDBZT	SOT-23-3	3	0.15	30	5	5	3.16	5.5	2.96	2.42	2.17	1.82
595-REF3330AIDCKT	REF3330AIDCKT	SOT-23-3	3	0.15	30	5	5	3.16	5.5	2.96	2.42	2.17	1.82
595-REF3130AIDBZT	REF3130AIDBZT	SOT-23-3	3	0.2	20	-	100	3.05	5.5	3.22	2.58	2.35	2.10
595-REF3030AIDBZT	REF3030AIDBZT	SOT-23-3	3	0.2	50	-	-	3	5.5	2.42	1.86	1.69	1.38
595-REF2930AIDBZR	REF2930AIDBZR	SOT-23-3	3	2	100	35	50	3.001	5.5	1.69	1.35	1.18	1.03
595-REF2930AIDBZT	REF2930AIDBZT	SOT-23-3	3	2	100	-	50	3.001	5.5	2.07	1.60	1.45	1.18
595-REF3333AIDBZRG4	REF3333AIDBZRG4	SOT-23	3.3	0.15	30	5	5	-	7.5	2.38	1.91	1.74	1.57
595-REF3333AIDBZT	REF3333AIDBZT	SOT-23-3	3.3	0.15	30	5	5	3.46	5.5	2.85	2.32	2.09	1.82
595-REF3133AIDBZT	REF3133AIDBZT	SOT-23-3	3.3	0.2	20	-	100	3.35	5.5	3.22	2.58	2.35	2.10
595-REF3033AIDBZT	REF3033AIDBZT	SOT-23-3	3.3	0.2	50	-	50	3.3	5.5	2.42	1.86	1.69	1.38
595-REF2933AIDBZT	REF2933AIDBZT	SOT-23-3	3.3	2	100	-	50	3.301	5.5	2.07	1.60	1.45	1.18
595-REF5040ID	REF5040ID	SOIC-8	4.096	0.05	3	10	1000	4.296	18	8.03	6.58	5.94	5.46
595-REF5040AID	REF5040AID	SOIC-8	4.096	0.05	3	10	1000	4.296	18	4.62	3.71	3.38	3.05
595-REF3240AIDBVT	REF3240AIDBVT	SOT-23-6	4.096	0.2	7	10	120	4.146	5.5	5.93	4.84	4.10	3.65
595-REF3140AIDBZT	REF3140AIDBZT	SOT-23-3	4.096	0.2	20	-	100	4.126	5.5	3.22	2.58	2.35	2.12
595-REF3040AIDBZT	REF3040AIDBZT	SOT-23-3	4.096	0.2	50	-	50	4.097	5.5	2.42	1.86	1.69	1.38
595-REF2940AIDBZT	REF2940AIDBZT	SOT-23-3	4.096	2	100	-	50	4.097	5.5	2.07	1.60	1.45	1.18
595-REF5045AID	REF5045AID	SOIC-8	4.5	0.05	3	10	1000	4.7	18	4.62	3.71	3.34	3.01
595-REF5045ID	REF5045ID	SOIC-8	4.5	0.05	3	10	1000	4.7	18	8.03	6.58	5.94	5.46
595-REF5050AID	REF5050AID	SOIC-8	5	0.05	3	10	1000	5.2	18	4.62	3.71	3.38	3.05
595-REF5050ID	REF5050ID	SOIC-8	5	0.05	3	10	1000	5.2	18	8.03	6.58	5.94	5.46
595-REF02AP	REF02AP	PDIP-8	5	0.2	10	21	1400	8	40	3.86	3.10	2.82	2.55
595-REF02AU	REF02AU	SOIC-8	5	0.2	10	21	1400	8	40	4.65	3.73	3.40	3.07
595-REF02BP	REF02BP	PDIP-8	5	0.2	10	21	1400	8	40	6.22	5.10	4.60	4.23
595-REF02BU	REF02BU	SOIC-8	5	0.2	10	21	1400	8	40	6.16	4.95	4.51	4.07
595-REF5010ID	REF5010ID	SOIC-8	10	0.05	3	10	1000	10.2	18	8.03	6.58	5.94	5.46
595-REF102AP	REF102AP	PDIP-8	10	0.05	5	10	1400	11.4	36	4.90	3.93	3.58	3.23
595-REF102AU	REF102AU	SOIC-8	10	0.05	5	10	1400	11.4	36	5.88	4.72	4.30	3.88
595-REF102BP	REF102BP	PDIP-8	10	0.05	5	10	1400	11.4	36	8.15	6.68	6.03	5.54
595-REF102BU	REF102BU	SOIC-8	10	0.05	5	10	1400	11.4	36	8.15	6.68	6.03	5.54
595-REF102BUG4	REF102BUG4	SOIC-8	10	0.05	5	10	1400	11.4	36	8.15	6.68	6.03	5.54
595-REF102CU	REF102CU	SOIC-8	10	0.05	5	10	1400	11.4	36	11.99	9.82	8.86	8.15

CURRENT REFERENCES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	V _I (Min) (V)	V _I (Max) (V)	I _{out/Iz} (Max) (mA)	Price Each			
						1	25	100	250
595-REF200AU	REF200AU	SOIC-8	2.5	40	0.1	7.75	6.35	5.73	5.27

POWER MANAGEMENT IC (PMIC) SOLUTIONS WITH AND WITHOUT BATTERY



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Battery Charger	Step-Down DC-DC Converter	Step-Up DC-DC Converter	LDO	Vin (Min./Max.)	Processor Supplier	Adjustable Output	Price Each			
										1	25	100	250
595-TPS65023RSBT	TPS65023RSBT	QFN-40	No	3	-	3	2.5/6	TI	Yes	8.86	8.36	7.60	5.07
595-TPS650241RHBT	TPS650241RHBT	QFN-32	-	3	-	3	2.5/6	Freescall, Samsung	-	9.38	7.68	6.93	6.30
595-TPS65053RGER	TPS65053RGER	QFN-24	No	2	-	3	2.5/6	TI, Freescall	Yes	5.48	4.48	4.02	3.42
595-TPS65053RGET	TPS65053RGET	QFN-24	No	2	-	3	2.5/6	-	Yes	6.07	4.96	4.40	3.93
595-TPS650532RGET	TPS650532RGET	QFN-24	No	2	-	3	2.5/6	-	-	5.95	4.78	4.35	3.33
595-TPS65010RGZT	TPS65010RGZT	QFN-48	Yes	2	-	2	2.5/20	TI	Yes	5.90	4.72	3.97	3.82
595-TPS65217ARSLT	TPS65217ARSLT	QFN-48	Yes	3	1	4	2.7/5.8	AM335x DDR2	Yes	10.00	7.20	6.00	5.20
595-TPS65217BRSLT	TPS65217BRSLT	QFN-48	Yes	3	1	4	2.7/5.8	AM335x DDR2	Yes	10.00	7.20	6.00	5.20
595-TPS65270RGET	TPS65270RGET	QFN-24	No	2	-	1	4.5/16	-	-	8.50	6.12	5.10	4.42
595-TPS65280RGER	TPS65280RGER	VQFN-24	No	1	-	1	5.5/18	-	Yes	5.52	5.02	4.54	4.17
595-TPS65735RSNR	TPS65735RSNR	QFN-32	Yes	-	-	1	2.5/6.4	-	Yes	3.75	3.05	2.56	2.50
595-TPS658310YFFR	TPS658310YFFR	BGA-49	Yes	-	2	-	2.5/6.5	-	-	8.63	6.21	5.18	4.49
595-TPS658640ZGUT	TPS658640ZGUT	BGA-169	No	3	-	11	3/5.5	Nvidia-TegraT20	-	9.64	9.12	7.98	7.30
595-TPS658640ZQZT	TPS658640ZQZT	BGA-120	No	3	-	11	3/5.5	Nvidia-TegraT20	-	9.64	9.12	7.98	7.30
595-TPS658643ZGUT	TPS658643ZGUT	BGA-169	No	11	-	11	3/5.5	Nvidia-TegraT20	-	9.64	9.12	7.98	7.30
595-TPS658643ZQZT	TPS658643ZQZT	BGA-120	No	11	-	11	3/5.5	Nvidia-TegraT20	-	9.64	9.12	7.98	7.30
595-TWL6030B14CMR	TWL6030B14CMR	BGA-187	No	7	-	11	2.5/4.8	TI-OMAP4430/60/70	-	13.20	11.10	10.20	9.30
595-TWL6040A2ZQZ	TWL6040A2ZQZ	BGA-120	No	0	-	0	2.3/5.5	TI-OMAP4430/60/70	-	6.30	5.14	4.62	4.20
595-TWL6041BSRSYFFT	TWL6041BSRSYFFT	DSBGA-81	Yes	-	-	0	2.3/5.5	TI	No	4.95	4.51	4.07	3.74
595-TPS65258RHAT	TPS65258RHAT	QFN-40	-	3	-	2	4.5/16	TI	Yes	8.75	6.30	5.25	5.13
Evaluation Module		Description											
595-TPS65258EVM	TPS65258EVM	Evaluation module for TP65258 PMIC, 2 USB switches, wide input supply range: 4.5V-16V								55.28	---	---	---

MOTION - MOTOR CONTROLLERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Operating Supply (Min./Max.)	Operating Supply Current (mA)	Peak Output Current (A)	DC Motor Control	Brushless DC Motor Control	Stepper Motor Controllers	Current Limited	Differential Current Sense Amp	Price Each			
											1	25	100	250
595-UC2637N	UC2637N	PDIP-18	5/36	8.5	0.4	Yes	No	No	Yes	No	9.12	8.51	7.68	7.05
595-UC3637DW	UC3637DW	SOIC-20	5/36	8.5	0.4	Yes	No	No	Yes	No	8.36	7.80	7.04	6.46
595-UC3637N	UC3637N	PDIP-18	5/36	8.5	0.4	Yes	No	No	Yes	No	8.47	7.89	7.12	6.54
595-UC3638DW	UC3638DW	SOIC-20	10/36	15	0.4	Yes	No	No	Yes	Yes	8.58	8.00	7.22	6.63
595-UC3770AN	UC3770AN	PDIP-16	10/45	33	1.5	No	No	Yes	Yes	No	7.83	6.41	4.94	4.63

NVSRAM

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Memory Density	Controller	Module	Supply Voltage	Negative Voltage Tolerance (%)	Price Each			
								1	25	100	250
595-BQ2201SN	BQ2201SN	SOIC-8	-	Yes	No	5	-	6.22	5.00	4.55	4.11
595-BQ4010MA-150	BQ4010MA-150	DIP MODULE-28	64	No	Yes	5	5	24.32	20.67	19.15	17.63
595-BQ4010MA-85	BQ4010MA-85	DIP MODULE-28	64	No	Yes	5	5	20.56	19.46	17.03	15.57
595-BQ4010YMA-150N	BQ4010YMA-150N	DIP MODULE-28	64	No	Yes	5	10	20.56	19.46	17.03	15.57
595-BQ4010YMA-70	BQ4010YMA-70	DIP MODULE-28	64	No	Yes	5	10	24.32	20.67	19.15	17.63
595-BQ4011MA-100	BQ4011MA-100	DIP MODULE-28	256	No	Yes	5	5	27.38	23.27	21.56	19.85
595-BQ4011YMA-100	BQ4011YMA-100	DIP MODULE-28	256	No	Yes	5	10	27.38	23.27	21.56	19.85
595-BQ4011YMA-200	BQ4011YMA-200	DIP MODULE-28	256	No	Yes	5	10	27.38	23.27	21.56	19.85