

TEXAS INSTRUMENTS Power Management ICs



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

ADJUSTABLE SHUNT VOLTAGE REFERENCES (CONT.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	VO Adj (V)		Initial Accuracy @ 25°C (%)	Temperature Coeff. (ppm/deg°C)		I _{out} /I _Z (Max.) (mA)	Price Each			
			Min.	Max.		Typ.	Max.		1	10	100	1000
595-TLVH431BIPK	TLVH431BIPK	SOT-89-3	1.24	18	1	-	-	80	.85	.713	.46	.368
595-TL431ACD	TL431ACD	SOIC-8	2.495	36	1	34	-	100	.45	.345	.187	.14
595-TL431ACDR	TL431ACDR	SOIC-8	2.495	36	1	34	600	100	.37	.288	.156	.117
595-TL431ACDBZR	TL431ACDBZR	SOT-23-3	2.495	36	1	34	-	100	.41	.319	.173	.13
595-TL431ACDCKR	TL431ACDCKR	SOT-23-6	2.495	36	1	34	-	100	.41	.319	.173	.13
595-TL431ACLPL	TL431ACLPL	TO-92-3	2.495	36	1	34	-	100	.49	.376	.204	.153
595-TL431ACPK	TL431ACPK	SOT-89-3	2.495	36	1	34	-	100	.51	.394	.214	.16
595-TL431AID	TL431AID	SOIC-8	2.495	36	1	34	-	100	.40	.31	.168	.126
595-TL431AIDBZR	TL431AIDBZR	SOT-23-3	2.495	36	1	34	-	100	.37	.288	.156	.117
595-TL431AILPR	TL431AILPR	TO-92-3	2.495	36	1	34	-	100	.37	.288	.156	.117
595-TL431AQDBVR	TL431AQDBVR	SOT-23-5	2.495	36	1	34	-	100	.39	.301	.163	.122
595-TL431AQDBZR	TL431AQDBZR	SOT-23-3	2.495	36	0.5	34	-	100	.42	.323	.175	.131
595-TL431AQPQ	TL431AQPQ	SOT-89-3	2.495	36	0.5	34	-	100	.40	.332	.202	.156
595-TL431BCDBZR	TL431BCDBZR	SOT-23-3	2.495	36	0.5	34	-	100	.57	.477	.29	.224
595-TL431BQDBZRQ1	TL431BQDBZRQ1	SOT-23-3	2.495	36	0.5	34	-	100	.72	.598	.386	.309
595-TL431BCLP	TL431BCLP	TO-92-3	2.495	36	0.5	34	-	100	.58	.484	.312	.25
595-TL431BCPK	TL431BCPK	SOT-89-3	2.495	36	0.5	34	-	100	.62	.521	.336	.269
595-TL431BILPRE3	TL431BILPRE3	TO-92-3	2.495	36	0.5	34	-	100	.61	.513	.312	.241
595-TL431BIPK	TL431BIPK	SOT-23-3	2.495	36	1	34	-	100	.66	.552	.356	.285
595-TL431BQDBZR	TL431BQDBZR	SOT-23-3	2.495	36	1	34	-	100	.65	.542	.35	.28
595-TL431BQLP	TL431BQLP	TO-92-3	2.495	36	0.5	34	600	100	.74	.617	.398	.318
595-TL431BQPK	TL431BQPK	SOT-89-3	2.495	36	0.5	34	600	100	.78	.654	.422	.338
595-TL431BIDBZR	TL431BIDBZR	SOT-23-3	2.495	36	0.5	34	-	100	.61	.513	.312	.241
595-TL431BIDR	TL431BIDR	SOIC-8	2.495	36	0.5	34	-	100	.56	.469	.286	.221
595-TL431BILP	TL431BILP	TO-92-3	2.495	36	0.5	34	-	100	.61	.515	.332	.266
595-TL431CDBVR	TL431CDBVR	SOT-23-5	2.495	36	1	34	-	100	.34	.266	.144	.108
595-TL431CDBZR	TL431CDBZR	SOT-23-3	2.495	36	1	34	-	100	.38	.292	.158	.119
595-TL431CLP	TL431CLP	TO-92-3	2.495	36	1	34	-	100	.45	.345	.187	.14
595-TL431IDBVR	TL431IDBVR	SOT-23-5	2.495	36	2	34	-	100	.43	.332	.18	.135
595-TL431IDBZR	TL431IDBZR	SOT-23-3	2.495	36	2	34	-	100	.44	.337	.182	.137
595-TL431ILP	TL431ILP	TO-92-3	2.495	36	2	34	-	100	.51	.39	.211	.158
595-TL431ILPR	TL431ILPR	TO-92-3	2.495	36	2	34	-	100	.44	.337	.182	.137
595-TL431IPK	TL431IPK	SOT-89-3	2.495	36	2	34	-	100	.40	.339	.207	.16
595-TL431QDBZR	TL431QDBZR	SOT-23-3	2.495	36	2	34	-	100	.51	.39	.211	.158
595-TL432ACDBZR	TL432ACDBZR	SOT-23-3	2.495	36	1	39	129	15	.51	.39	.211	.158
595-TL432AIDBZR	TL432AIDBZR	SOT-23-3	2.495	36	1	39	129	15	.51	.39	.211	.158
595-TL431QDR	TL1431QDR	SOIC-8	2.5	36	1	34	-	100	.90	.75	.484	.387

CURRENT REFERENCES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Input Voltage		Output Current (Max.) (mA)	Initial Accuracy (%)	Temperature Range (°C)	Price Each			
			Min.	Max.				1	10	100	1000
926-LM234Z-3/NOPB	LM234Z-3/NOPB	TO-92	0.8	30	10	3	-25 to 100	2.49	2.11	1.70	1.22
926-LM234Z-6/NOPB	LM234Z-6/NOPB	TO-92	0.8	30	10	3	-25 to 100	1.19	1.01	.783	.546
926-LM334M/NOPB	LM334M/NOPB	SOIC-8	0.8	40	10	6	0 to 70	.86	.733	.563	.393
926-LM334Z/NOPB	LM334Z/NOPB	TO-92	0.8	40	10	6	0 to 70	.81	.676	.436	.349
595-REF200AU	REF200AU	SOIC-8	2.5	40	25	0.5	-25 to 85	8.02	7.24	5.99	4.21
595-REF3325AIRSER	REF3325AIRSER	UQFN-8	2.7	5.5	5	0.15	-40 to 125	2.59	2.33	1.87	1.10

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	Input Voltage (Min./Max.)	Processor Supplier	Adjustable Output	Price Each			
										1	10	100	1000
595-LM10692BRMYT	LM10692BRMYT	VQFN-36	No	6	-	-	2.5/5.5	-	-	6.89	6.23	5.15	3.62
595-LM10692RMYT	LM10692RMYT	VQFN-36	No	6	-	-	2.5/5.5	-	-	6.89	6.23	5.15	3.62
595-LP8728QSQE-ANPB	LP8728QSQE-A/NOPB	WQFN-28	No	4	-	-	4.5/5.5	-	-	4.38	3.94	3.22	2.07
595-TPS65023RSBT	TPS65023RSBT	QFN-40	No	3	-	3	2.5/6	TI	Yes	5.73	5.15	4.22	2.70
595-TPS65053RGER	TPS65053RGER	QFN-24	No	2	-	3	2.5/6	TI, Freescale	Yes	3.93	3.53	2.89	1.85
595-TPS65053RGET	TPS65053RGET	QFN-24	No	2	-	3	2.5/6	-	Yes	4.53	4.07	3.33	2.13
595-TPS650532RGET	TPS650532RGET	QFN-24	No	2	-	3	2.5/6	-	Yes	4.53	4.07	3.33	2.13
595-TPS65010RGZT	TPS65010RGZT	QFN-48	Yes	2	-	2	2.5/20	TI	Yes	4.58	4.12	3.37	2.16
595-TPS650830ZAJT	TPS650830ZAJT	NFBGA-168	No	1	-	3	5.4/21	-	Yes	8.00	7.23	5.98	4.20
595-TPS650830ZCGT	TPS650830ZCGT	NFBGA-159	No	1	-	3	5.4/21	-	Yes	8.00	7.23	5.98	4.20
595-TPS65217ARSLT	TPS65217ARSLT	QFN-48	Yes	3	1	4	2.7/5.8	AM335x DDR2	Yes	5.58	5.01	4.10	2.63
595-TPS65217BRSLT	TPS65217BRSLT	QFN-48	Yes	3	1	4	2.7/5.8	AM335x DDR2	Yes	5.58	5.01	4.10	2.63
595-TPS65218B1PHPT	TPS65218B1PHPT	HTQFP-48	No	5	1	1	2.7/5.5	TI	Yes	6.50	5.87	4.86	3.41
595-TPS65218B1RSLT	TPS65218B1RSLT	VQFN-48	No	5	1	1	2.7/5.5	TI	Yes	6.50	5.87	4.86	3.41
595-TPS65261RHBT	TPS65261RHBT	VQFN-32	No	3	-	-	4.5/18	-	Yes	4.14	3.51	3.05	2.18
595-TPS65270RGET	TPS65270RGET	QFN-24	No	2	-	1	4.5/16	-	-	3.43	3.08	2.52	1.62
595-TPS65290BMRHFT	TPS65290BMRHFT	VQFN-24	Yes	1	-	2	2.2/5	-	Yes	4.79	4.30	3.52	2.26
595-TPS65290LMRHFT	TPS65290LMRHFT	VQFN-24	Yes	1	-	2	2.2/5	-	No	4.79	4.30	3.52	2.26
595-TPS65735RSNR	TPS65735RSNR	QFN-32	Yes	-	-	1	2.5/6.4	-	Yes	2.98	2.67	2.19	1.40
595-TPS658640ZGUT	TPS658640ZGUT	BGA-169	No	3	-	11	3/5.5	Nvidia-TegraT20	-	10.77	9.90	8.36	6.41
595-TPS65980RHFT	TPS65980RHFT	VQFN-24	No	1	1	3	2.5/15.75	TI	Yes	6.42	5.80	4.80	3.37
595-TWL6030B1A4CMR	TWL6030B1A4CMR	BGA-187	No	7	-	11	2.5/4.8	TI-OMAP4430/60/70	-	9.64	8.70	7.20	5.06
595-TWL6040A2ZQZ	TWL6040A2ZQZ	BGA-120	No	0	-	0	2.3/5.5	TI-OMAP4430/60/70	-	4.86	4.36	3.58	2.29
Evaluation Modules		Description								Price Each			
595-LM10692EVM	LM10692EVM	Evaluation Module for LM10692 PMIC, 2.5A, 5.5V, with I2C and SPI								99.00			
595-TPS65290ZBEVM	TPS65290ZBEVM	Evaluation Module for TPS65290 PMIC, 500mA, 2.2V-5V with I2C and SPI								49.00			
595-TPS65290BMEVM	TPS65290BMEVM	Evaluation Module for TPS65290, 150mA LDO, 2.2-5V, this version has the 30mA, 300nA IDQQ BuckMINI								49.00			
595-TPS65290LMMEVM	TPS65290LMMEVM	Evaluation Module for TPS65290, 150mA LDO, 2.2-5V, this version has the 10mA, 400nA IDQQ LDOMINI								49.00			
595-TPS65980EVM	TPS65980EVM	Evaluation Module for TPS65980 PMIC, 15.75V, 3.5A								49.00			

MOTION - MOTOR CONTROLLERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Operating Supply Voltage		Peak Output Current (A)	DC Motor Control	Brushless DC Motor Control	Stepper Motor Controllers	Current Limited	Differential Current Sense Amp	Price Each			
			Min./Max.	Current (mA)							1	10	100	1000
595-UC2637N	UC2637N	PDIP-18	5/36	8.5	0.4	Yes	No	No	Yes	No	10.79	9.75	8.07	5.67
595-UC3637DW	UC3637DW	SOIC-20	5/36	8.5	0.4	Yes	No	No	Yes	No	8.99	8.12	6.72	4.72
595-UC3637N	UC3637N	PDIP-18	5/36	8.5	0.4	Yes	No	No	Yes	No	10.07	9.10	7.53	5.29
595-UC3638DW	UC3638DW	SOIC-20	10/36	15	0.4	Yes	No	No	Yes	Yes	8.46	7.64	6.32	4.44
595-UC3770AN	UC3770AN	PDIP-16	10/45	33	1.5	No	No	Yes	Yes	No	9.29	8.40	6.95	5.25