

# TEXAS INSTRUMENTS Power Management ICs



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

## POWER-OVER-ETHERNET (POE) POWERED DEVICES

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Detection	Classification	Abs Max VIN	Operating Temp.	Full Inrush Current Limiting	Current Limit (mA)	Auto Retry or Latch Off in Fault	Price Each		
										1	25	100
595-TPS2375D	TPS2375D	SOIC-8	4	Yes, Class 0-4	100	-40 to 85	Prog	450	Latch Off	2.69	2.16	1.68
595-TPS2375PW-1	TPS2375PW-1	TSSOP-8	4	Yes, Class 0-4	100	-40 to 85	Prog	450	Auto Retry	2.69	2.16	1.68
595-TPS23750PWP	TPS23750PWP	HTSSOP-20	4	Yes, Class 0-4	100	-40 to 85	Fixed	450	Auto Retry	4.03	3.24	2.52
595-TPS23750PWPR	TPS23750PWPR	HTSSOP-20	4	Yes, Class 0-4	100	-40 to 85	Fixed	450	Auto Retry	3.37	2.70	2.10
595-TPS23753PW	TPS23753PW	TSSOP-14	4	Yes, Class 0-4	100	-40 to 85	Fixed	450	Auto Retry	3.92	3.15	2.45
595-TPS2376D	TPS2376D	SOIC-8	4	Yes, Class 0-4	100	-40 to 85	Prog	450	Latch Off	2.69	2.16	1.68
595-TPS2376DDA-H	TPS2376DDA-H	HSOP-8	4	Yes, Class 0-4	100	-40 to 85	Prog	450	Auto Retry	3.36	2.70	2.10

## FIXED SHUNT VOLTAGE REFERENCES

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	VO (V)	Initial Accuracy @ 25/deg C (%)	Temp Coeff (Typ) (ppm/ deg C)	Temp Coeff (Max) (ppm/ deg C)	Iout/Iz (Max) (mA)	Price Each			
								1	25	100	250
595-LM4041C12IDBZR	LM4041C12IDBZR	SOT-23-3	1.225	0.5	15	100	12	.99	.77	.682	.591
595-LM4041C12IDCKR	LM4041C12IDCKR	SOT-23-5	1.225	0.5	15	100	12	.93	.74	.667	.58
595-LM4041D12IDBZR	LM4041D12IDBZR	SOT-23-3	1.225	1	15	150	12	.78	.60	.533	.462
595-LM4041D12ILP	LM4041D12ILP	TO-92-3	1.225	1	15	150	12	.86	.66	.576	.501
595-LT1004CD-1-2	LT1004CD-1-2	SOIC-8	1.235	0.3	-	20	20	1.16	.92	.813	.714
595-LT1004CPW-1-2	LT1004CPW-1-2	TSSOP-8	1.235	0.3	-	20	20	.98	.78	.678	.595
595-LT1004ID-1-2	LT1004ID-1-2	SOIC-8	1.235	0.3	-	20	20	.96	.77	.678	.595
595-LT1004IDG4-1-2	LT1004IDG4-1-2	SOIC-8	1.235	0.3	-	20	20	1.04	.83	.747	.65
595-REF1004I-1-2	REF1004I-1-2	SOIC-8	1.235	0.3	-	20	20	6.57	5.39	4.86	4.46
595-LM285D-1-2	LM285D-1-2	SOIC-8	1.235	1	-	20	20	.72	.55	.485	.422
595-LM285LP-1-2	LM285LP-1-2	TO-92	1.235	1	20	-	20	.72	.55	.485	.422
595-LM385BLP-1-2	LM385BLP-1-2	TO-92-3	1.235	1	-	20	20	.80	.61	.533	.464
595-LM385BLPRE3-1-2	LM385BLPRE3-1-2	TO-92-3	1.235	2	-	20	20	.80	.61	.533	.464
595-LM385DR-1-2	LM385DR-1-2	SOIC-8	1.235	2	-	20	20	.76	.53	.456	.394
595-LM385LP-1-2	LM385LP-1-2	TO-92	1.235	2	20	-	20	.72	.55	.485	.422
595-REF1112AIDBZT	REF1112AIDBZT	SOT-23-3	1.25	0.2	50	10	5	3.28	2.53	2.30	2.06
595-LM4040A20IDBZR	LM4040A20IDBZR	SOT-23-3	2.048	0.1	15	100	15	2.96	2.42	2.17	1.97
595-LM4040C20IDBZR	LM4040C20IDBZR	SOT-23-3	2.048	0.5	15	100	15	.99	.77	.682	.591
595-LM4040C20IDCKR	LM4040C20IDCKR	SOT-23-5	2.048	0.5	15	100	15	.93	.74	.667	.58
595-LM4040D20IDBZR	LM4040D20IDBZR	SOT-23-3	2.048	1	15	150	15	.78	.60	.533	.462
595-LM4040D20QDBZR	LM4040D20QDBZR	SOT-23-3	2.048	1	15	150	15	1.01	.80	.72	.627
595-LM236D-2-5	LM236D-2-5	SOIC-8	2.49	2	33	13	10	2.14	1.72	1.55	1.38
595-LM336BD-2-5	LM336BD-2-5	SOIC-8	2.49	2	34	10	10	.92	.73	.646	.561
595-LM4040A25IDBZR	LM4040A25IDBZR	SOT-23-3	2.5	0.1	15	100	15	2.96	2.42	2.17	1.97
595-LM4040A25IDBZT	LM4040A25IDBZT	SOT-23-3	2.5	0.2	15	100	15	2.93	2.35	2.16	2.10
595-LM4040B25IDBZT	LM4040B25IDBZT	SOT-23-3	2.5	0.2	15	100	15	2.29	1.85	1.66	1.48
595-LT1009CLP	LT1009CLP	TO-92-3	2.5	0.2	25	-	10	1.10	.88	.774	.68
595-LT1009CLPR	LT1009CLPR	TO-92-3	2.5	0.2	25	-	10	1.20	.94	.854	.743
595-REF1004C-2.5	REF1004C-2.5	SOIC-8	2.5	0.4	-	20	20	4.07	3.26	2.97	2.68
595-LM4040C25IDBZR	LM4040C25IDBZR	SOT-23-3	2.5	0.5	15	100	15	.96	.75	.681	.587
595-LM4040C25ILP	LM4040C25ILP	TO-92	2.5	0.5	15	100	75	1.04	.81	.736	.641
595-LM4040C25QDBZR	LM4040C25QDBZR	SOT-23-3	2.5	0.5	15	100	15	.94	.75	.675	.587
595-LT1004ID-2-5	LT1004ID-2-5	SOIC-8	2.5	0.8	-	20	20	1.16	.92	.813	.714
595-LM4040D25IDBZR	LM4040D25IDBZR	SOT-23-3	2.5	1	15	150	15	.85	.66	.587	.508
595-LM4040D25IDCKR	LM4040D25IDCKR	SC-70-5	2.5	1	15	150	15	.78	.60	.533	.462
595-LM4040D25ILP	LM4040D25ILP	TO-92-3	2.5	1	15	150	15	.94	.72	.64	.501
595-LM285DR-2-5	LM285DR-2-5	SOIC-8	2.5	1.5	-	20	20	.67	.51	.456	.395
595-LM285LP-2-5	LM285LP-2-5	TO-92-3	2.5	1.5	-	20	20	.72	.55	.485	.422
595-LM385BLP-2-5	LM385BLP-2-5	TO-92-3	2.5	1.5	-	20	20	.79	.61	.533	.464
595-LM385LP-2-5	LM385LP-2-5	TO-92-3	2.5	3	-	20	20	.66	.48	.415	.359
595-LM4040A30IDBZR	LM4040A30IDBZR	SOT-23-3	3	0.1	15	100	15	2.96	2.42	2.17	1.97
595-LM4040C30IDBZR	LM4040C30IDBZR	SOT-23-3	3	0.5	15	100	15	.99	.77	.682	.591
595-LM4040C30IDCKR	LM4040C30IDCKR	SC-70-5	3	0.5	15	100	15	.93	.74	.667	.58
595-LM4040D30IDBZR	LM4040D30IDBZR	SOT-23-3	3	1	15	150	15	.78	.60	.533	.462
595-LM4040A41IDBZT	LM4040A41IDBZT	SOT-23-3	4.096	0.1	15	100	15	2.93	2.35	2.16	2.10
595-LM4040B41IDBZT	LM4040B41IDBZT	SOT-23-3	4.096	0.2	15	100	15	2.29	1.85	1.66	1.48
595-LM4040C41IDBZR	LM4040C41IDBZR	SOT-23-3	4.096	0.5	15	100	15	.99	.77	.682	.591
595-LM4040C41IDCKR	LM4040C41IDCKR	SOT-23-5	4.096	0.5	15	100	15	.93	.74	.667	.58
595-LM4040C41ILPR	LM4040C41ILPR	TO-92-3	4.096	0.5	15	100	15	.99	.77	.682	.591
595-LM4040D41IDBZR	LM4040D41IDBZR	SOT-23-3	4.096	1	15	150	15	.78	.60	.533	.462
595-LM4040D41ILP	LM4040D41ILP	TO-92	4.096	1	15	150	15	.94	.72	.64	.501
595-LM4040A50IDBZR	LM4040A50IDBZR	SOT-23-3	5	0.1	15	100	15	2.96	2.42	2.17	1.97
595-LM4040B50IDBZT	LM4040B50IDBZT	SOT-23-3	5	0.2	15	100	15	2.29	1.85	1.66	1.48
595-LM4040C50IDBZR	LM4040C50IDBZR	SOT-23-3	5	0.5	15	100	15	.99	.77	.682	.591
595-LM4040C50ILP	LM4040C50ILP	TO-92-3	5	0.5	15	100	15	.97	.77	.668	.586
595-LM4040C50ILPR	LM4040C50ILPR	TO-92	5	0.5	15	100	15	.99	.77	.682	.591
595-LM4040C50QDBZR	LM4040C50QDBZR	SOT-23-3	5	0.5	15	100	15	1.31	1.04	.934	.813
595-LM4040D50IDBZR	LM4040D50IDBZR	SOT-23-3	5	1	15	150	15	.78	.60	.533	.462
595-LM4040D50ILP	LM4040D50ILP	TO-92-3	5	1	15	150	15	.94	.72	.64	.501
595-LM4040D50QDBZR	LM4040D50QDBZR	SOT-23-3	5	1	15	150	15	1.01	.80	.72	.627
595-LM4040D82IDBZR	LM4040D82IDBZR	SOT-23-3	8.192	1	15	150	15	.78	.60	.533	.462
595-LM4040B10IDBZT	LM4040B10IDBZT	SOT-23-3	10	0.2	15	100	15	2.29	1.85	1.66	1.48
595-LM4040C10IDBZR	LM4040C10IDBZR	SOT-23-3	10	0.5	15	100	15	.99	.77	.682	.591

## ADJUSTABLE SHUNT VOLTAGE REFERENCES

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	VO Adj (Min) (V)	VO Adj (Max) (V)	Initial Accuracy @25/deg C(%)	Temp Coeff (Typ) (ppm/ deg C)	Temp Coeff (Max) (ppm/deg C)	Iout/Iz (Max) (mA)	Price Each			
									1	25	100	250
595-LM4041CIDBZR	LM4041CIDBZR	SOT-23-3	1.225	15	0.4	15	100	100	.96	.75	.681	.587
595-LM4041DIDBZR	LM4041DIDBZR	SOT-23-3	1.225	15	1	15	150	100	.85	.66	.587	.508
595-TLV431ACDBVR	TLV431ACDBVR	SOT-23-5	1.24	6	1.5	39	129	15	.78	.60	.533	.462
595-TLV431ACDBVRG4	TLV431ACDBVRG4	SOT-23-5	1.24	6	1	39	129	80	.78	.60	.533	.462
595-TLV431ACDBZR	TLV431ACDBZR	SOT-23-3	1.24	6	1	39	129	80	.85	.66	.587	.508
595-TLV431AIDBVR	TLV431AIDBVR	SOT-23-5	1.24	6	0.5	39	129	15	.78	.60	.533	.462
595-TLV431AIDBZR	TLV431AIDBZR	SOT-23-3	1.24	6	1	39	129	80	.85	.66	.587	.508
595-TLV431AILP	TLV431AILP	TO-92-3	1.24	6	0.5	39	129	15	.86	.66	.576	.501
595-TLV431BCDBZR	TLV431BCDBZR	SOT-23-3	1.24	6	0.5	-	-	15	1.00	.77	.685	.593

Power Management

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