

2002

LOW DROPOUT LINEAR VOLTAGE REGULATORS



LDO SELECTION GUIDE

Part Number	V _{OUT} Accuracy	1.8V	2.5V	3.0V	3.3V	5V	Adj	Other Voltages	Dropout Voltage (V)	Quiescent Current	Input Voltage Range	Other Features	Packages
100mA													
LP2950	0.5%; 1.0%				✓	✓			0.38	150µA	4.3V to 30V		N
LP2951	0.5%; 1.0%				✓	✓			0.38	150µA	4.3V to 30V	Enable; Error Flag	S
SPX116	3%				✓			3.5V	0.30	400µA	3V to 26V		M1, N
SPX2931	2%; 3%				✓			3.5V	0.30	400µA	4.3V to 26V		M1, N
SP6200	2%		✓	✓	✓	✓	✓	2.7V, 2.85V, 3.5V	0.16	28µA	2.5V to 7V	Enable; Reset	M5
SP6213	2.5%	✓	✓	✓	✓	✓		2.7V, 2.85V	0.20	65µA	2.5V to 7V	Enable	C
150mA													
SPX1121	1%				✓	✓			0.30	150µA	4.3V to 30V		M3, N
SPX2930	3%				✓			3.5V	0.30	400µA	6V to 26V		M1, N, U
SPX2950	0.5%, 1%				✓	✓			0.30	150µA	4.3V to 30V		N
SPX2951	0.5%, 1%				✓	✓			0.30	150µA	4.3V to 30V	Enable; Error Flag	S
SPX5205	1%	✓	✓	✓	✓	✓	✓	2.0V, 2.8V, 3.5V	0.21	70µA	2.5V to 16V	Enable	M5
200mA													
SP6201	2%		✓	✓	✓	✓	✓	2.7V, 2.85V, 3.5V	0.32	28µA	2.5V to 7V	Enable; Reset; Bypass	M5
250mA													
SPX2954	0.5%, 1%				✓	✓			0.31	150µA	4.3V to 30V	Enable; Error Flag	M3, S, N, U, T
300mA													
SPX1521	1%				✓	✓			0.30	150µA	4.3V to 20V		M3, R, U, T
SPX2808	2%, 3%				✓			3.5V	0.40	400µA	5V to 10V		M1, M3
400mA													
SPX2920	1%				✓	✓			0.37	150µA	4.3V to 20V	Enable; Error Flag	M3, S, U, T
500mA													
SPX1129	1%				✓	✓			0.42	150µA	4.3V to 20V		M3, R, U, T
SPX2945	1%				✓	✓			0.42	150µA	4.3V to 20V	Enable; Error Flag	M3, S, R, U, T
SPX3819	1%		✓	✓	✓	✓	✓		0.34	90µA	2.5V to 16V	Enable; Bypass	M5, S
SP6231	2%				✓					110µA	0V to 6V	Aux Control	S, R
600mA													
SPX1202	1%		✓	✓	✓		✓		1.05	5mA	4.5V to 15V		M3, R, U, T
800mA													
SPX1117	1%	✓	✓	✓	✓		✓	3.5V, 1.5V, 2.85V	1.10	5mA	4.25V to 15V		M3, R, U, T
1A													
SPX2810	1%, 2%		✓	✓	✓		✓		1.10	5mA	2.75V to 10V		M3, R, U, T
SPX2940	3%	✓	✓		✓	✓			0.28	1.2mA	2.5V to 16V		U, T
SPX2941	3%						✓		0.28	1.2mA	2.5V to 16V	Enable	U5, T5
SPX3940	1%, 2%	✓	✓		✓	✓			0.28	1.2mA	2.5V to 16V		M3, U, T, R
1.5A													
SPX1583	2%		✓		✓		✓		0.56	5mA	1.75V to 5.5V	Control Voltage: 2.5V to 12V	U5, T5
SPX2815	1%, 2%		✓		✓	✓	✓		1.10	5mA	2.75V to 7V		R, U, T
SPX29150	1%	✓	✓		✓	✓			0.39	900µA	2.5V to 16V		U, T
SPX29151	1%	✓	✓		✓	✓			0.39	900µA	2.5V to 16V	Enable; Error Flag	U5, T5
SPX29152	1%						✓		0.39	900µA	2.5V to 16V	Enable	U5, T5
SPX29153	1%						✓		0.39	900µA	2.5V to 16V	Error Flag	U5, T5
3A													
SPX1582	2%		✓		✓		✓		0.56	5mA	1.75V to 5.5V	Control Voltage: 2.5V to 12V	U5, T5
SPX1587	1%, 2%		✓		✓	✓	✓		1.10	5mA	2.75V to 10V		R, U, T
SPX29300	1%	✓	✓		✓	✓			0.55	900µA	2.5V to 16V		U, T
SPX29301	1%	✓	✓		✓	✓			0.55	900µA	2.5V to 16V	Enable; Error Flag	U5, T5
SPX29302	1%						✓		0.55	900µA	2.5V to 16V	Enable	U5, T5
SPX29303	1%						✓		0.55	900µA	2.5V to 16V	Error Flag	U5, T5
5A													
SPX1581	2%		✓		✓		✓		0.56	5mA	1.75V to 5.5V	Control Voltage: 2.5V to 12V	U5, T5
SPX1585	1%, 2%		✓		✓	✓	✓		1.10	5mA	2.75V to 10V		U, T
7A													
SPX1580	2%		✓		✓		✓		0.64	5mA	1.75V to 5.5V	Control Voltage: 2.5V to 12V	U5, T5
8A													
SPX1584	1%, 2%				✓	✓	✓		1.10	5mA	2.75V to 7V		U

PACKAGES

C = SC-70
M = 3 pin SOT-23

M1 = 3 pin SOT-89
M3 = 3 pin SOT-223

M5 = 5 pin SOT-23
N = 3 pin TO-92

R = 3 pin TO-252
R* = 3 pin MLP

S = 8 pin SOIC
T = 3 pin TO-263

T5 = 5 pin TO-263
U = 3 pin TO-220

U5 = 5 pin TO-220

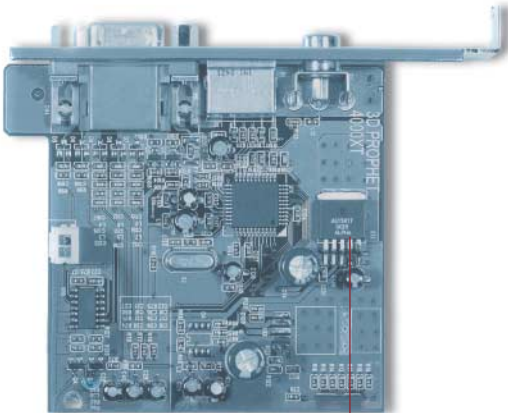
LOW DROPOUT LINEAR REGULATORS

100mA	150mA	200mA	250mA	300mA	400mA	500mA	600mA
LP2950 Industry Standard 3.3V and 5.0V Outputs 380mV Dropout 150µA Quiescent Current Input Voltage Range: 4.3V to 30V Packages: 3 pin TO-92	SPX1121 Industry Standard 3.3V and 5.0V Outputs 300mV Dropout 150µA Quiescent Current Input Voltage Range: 4.3V to 30V Packages: 3 pin SOT-223 3 pin TO-92	SP6201 CMOS LDO, Very Low Quiescent Current 2.5V, 2.7V, 2.85V, 3.0V, 3.3V, 3.5V, 5.0V and Adj Outputs 320mV Dropout 28µA Quiescent Current Input Voltage Range: 2.5V to 7V Enable; Reset; Bypass Packages: 5 pin SOT-23	SPX2954 3.3V and 5.0V Output 310mV Dropout 150µA Quiescent Current Input Voltage Range: 4.3V to 30V Enable Error Flag Packages: 3 pin SOT-223 8 pin SOIC 3 pin TO-92 3 pin TO-220 3 pin TO-263	SPX1521 Wide Input Voltage Range: 4.3V to 20V 3.3V and 5.0V Output 420mV Dropout 150µA Quiescent Current Packages: 3 pin SOT-223 3 pin TO-252 3 pin TO-220 3 pin TO-263	SPX2920 3.3V and 5.0V Outputs 375mV Dropout 150µA Quiescent Current Input Voltage Range: 4.3V to 20V Enable Error Flag Packages: 3 pin SOT-223 3 pin TO-252 8 pin SOIC 3 pin TO-220 3 pin TO-263	SPX1129 Industry Standard 3.3V and 5.0V Outputs 420mV Dropout 150µA Quiescent Current Input Voltage Range: 4.3V to 20V Packages: 3 pin SOT-223 3 pin TO-252 3 pin TO-220 3 pin TO-263	SPX1202 2.5V, 3.0V, 3.3V and Outputs 1.05V Dropout 5mA Quiescent Current Input Voltage Range: to 15V Packages: 3 pin SOT-223 3 pin TO-252 3 pin TO-220 3 pin TO-263
LP2951 Industry Standard Enable and Error Flags 3.3V and 5.0V Outputs 380mV Dropout 150µA Quiescent Current Input Voltage Range: 4.3V to 30V Packages: 8 lead SOIC	SPX2930 Low 300mV Dropout Ultra Small Package 3.3V and 3.5V Output 400µA Quiescent Current Input Voltage Range: 6V to 26V Packages: 3 pin TO-92 3 pin TO-220 3 pin SOT-89			SPX2808 Ultra Small 3 pin SOT-89 3.3V and 3.5V Output 300mV Dropout 400µA Quiescent Current Input Voltage Range: 5V to 10V Packages: 3 pin SOT-223 3 pin SOT-89		SPX2945 Industry Standard Enable and Error Flag 3.3V and 5.0V Outputs 420mV Dropout 150µA Quiescent Current Input Voltage Range: 4.3V to 30V Packages: 3 pin SOT-223 8 pin SOIC 3 pin TO-252 3 pin TO-220 3 pin TO-263	
SPX116 Very Low Dropout - 300mV 3.3V and 3.5V Outputs 400µA Quiescent Current Input Voltage Range: 3V to 26V Packages: Small 3 pin SOT-89 3 pin TO-92	SPX2950 Enhanced Industry Standard 3.3V and 5.0V Outputs 300mV Dropout 150µA Quiescent Current Input Voltage Range: 4.3V to 30V Packages: 3 pin TO-92					SPX3819 Low Noise Small 5 pin SOT-23 2.5V, 3.0V, 3.3V, 5.0V and Adj Outputs 340mV Dropout 90µA Quiescent Current Input Voltage Range: 2.5V to 16V Enable Bypass Other Packages: 8 pin SOIC 5 pin SOT-23	
SPX2931 Wide Input Voltage Range: 4.3V to 26V 3.3V and 3.5V Output 300mV Dropout 400µA Quiescent Current 2%, 3% accuracy Packages: 3 pin SOT-89 3 pin TO-92	SPX2951 Enhanced Industry Standard Enable and Error Flag 3.3V and 5.0V Outputs 300mV Dropout 150µA Quiescent Current Input Voltage Range: 4.3V to 30V Packages: 8 lead SOIC					SP6231 CMOS LDO with Auxiliary Switch 0.2Ω Auxiliary Switch Full Fault Protection Kelvin Sense 400µA Quiescent Current Input Voltage Range: 0V to 6V Packages: 6 pin MLP 8 pin NSOIC	
SP6200 CMOS LDO, Very Low Quiescent Current 2.5V, 2.7V, 2.85V, 3.0V, 3.3V, 3.5V, 5.0V and Adj Outputs 160mV Dropout 28µA quiescent current Input Voltage Range: 2.5V to 7V Enable; Reset Packages: 5 pin SOT-23	SPX5205 Low Noise Ultra Small 5 pin SOT-23 1.8V, 2.0V, 2.5V, 2.8V, 3.0V, 3.3V, 3.5V, 5.0V and Adj Outputs 210mV Dropout 70µA Quiescent Current Input Voltage Range: 2.5V to 16V Enable						
SP6213 CMOS LDO, Very Low Quiescent Current Packages: 3 or 5 pin SC-70 1.8V, 2.5V, 2.7V, 2.85V, 3.0V, 3.3V, and 5.0V Outputs 200mV Dropout 65µA quiescent current Input Voltage Range: 2.5V to 7V Enable							



0mA	800mA	1A	1.5A	3A	5A	7A	8A
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2	SPX1117 3V and Adj ut nt Current Range: 4.5V -223 252 220 263	SPX1117 Industry Standard 1.5V, 1.8V, 2.5V, 3.0V, 3.3V, 3.5V and Adj Outputs 1.1V Dropout 5mA Quiescent Current Input Voltage Range: 4.25V to 15V Packages: 3 pin SOT-223 3 pin TO-252 3 pin TO-220 3 pin TO-263	SPX2810 Small 3 pin SOT-223 2.5V, 3.0V, 3.3V and Adj Outputs 1.1V Dropout 5mA Quiescent Current Input Voltage Range: 2.75V to 10V Other Packages: 3 pin TO-252 3 pin TO-220 3 pin TO-263 3 pin SOT-223	SPX1583 Low 560mV Dropout 2.5V, 3.3V and Adj Outputs 5mA Quiescent Current Input Voltage Range: 1.75V to 5.5V Control Voltage Range: 2.5V to 12V Packages: 5 pin TO-220 5 pin TO-263	SPX1582 2.5V, 3.3V and Adj Outputs 560mV Dropout 5mA Quiescent Current Input Voltage Range: 1.75V to 5.5V Control Voltage Range: 2.5V to 12V Packages: 5 pin TO-220 5 pin TO-263	SPX1581 Low Dropout - 560mV 2.5V, 3.3V and Adj Outputs 5mA Quiescent Current Input Voltage Range: 1.75V to 5.5V Control Voltage Range: 2.5V to 12V Packages: 5 pin TO-220 5 pin TO-263	SPX1580 Low Dropout - 640mV 2.5V, 3.3V and Adj Outputs 5mA Quiescent Current Input Voltage Range: 1.75V to 5.5V Control Voltage Range: 2.5V to 12V Packages: 5 pin TO-220 5 pin TO-263	SPX1584 Single Input Voltage Supply 3.3V, 5.0V and Adj Outputs 1.1V Dropout 5mA Quiescent Current Input Voltage Range: 2.75V to 7V Packages: 3 pin TO-220
		SPX2940 Industry Standard 1.8V, 2.5V, 3.3V and 5V Outputs 280mV Dropout 1.2mA Quiescent Current Input Voltage Range: 6V to 16V Packages: 3 pin TO-220 3 pin TO-263		SPX2815 2.5V, 3.3V, 5.0V and Adj Outputs 1.1V Dropout 5mA Quiescent Current Input Voltage Range: 2.75V to 7V Packages: 3 pin TO-252 3 pin TO-220 3 pin TO-263	SPX1587 2.5V, 3.3V, 5.0V and Adj Outputs 1.1V Dropout 5mA Quiescent Current Input Voltage Range: 2.75V to 10V Packages: 3 pin TO-252 3 pin TO-220 3 pin TO-263	SPX1585 Single Input Voltage Supply 2.5V, 3.3V, 5.0V and Adj 1.1V Dropout 5mA Quiescent Current Input Voltage Range: 2.75V to 10V Packages: 3 pin TO-220 3 pin TO-263		
		SPX2941 Industry Standard Enable Adj. Outputs 280mV Dropout 1.2mA Quiescent Current Input Voltage Range: 6V to 16V Packages: 5 pin TO-220 5 pin TO-263		SPX29150 Low Dropout - 390mV 1.8V, 2.5V, 3.3V and 5V Outputs 900µA Quiescent Current Input Voltage Range: 2.5V to 16V Packages: 3 pin TO-220 3 pin TO-263	SPX29300 Low Dropout - 550mV 1.8V, 2.5V, 3.3V and 5V Outputs 900µA Quiescent Current Input Voltage Range: 2.5V to 16V Packages: 3 pin TO-220 3 pin TO-263			
		SPX3940 Small 3 pin SOT-223 1.8V, 2.5V, 3.3V and 5V Outputs 280mV Dropout 1.2mA Quiescent Current Input Voltage Range: 6V to 16V Other Packages: 3 pin TO-220 3 pin TO-263 3 pin SOT-223 3 pin TO-252		SPX29151 Low Dropout - 390mV Enable and Error Flag 1.8V, 2.5V, 3.3V and 5V Outputs 900µA Quiescent Current Input Voltage Range: 2.5V to 16V Packages: 5 pin TO-220 5 pin TO-263	SPX29301 Low Dropout - 550mV Enable and Error Flag 1.8V, 2.5V, 3.3V and 5V Outputs 900µA Quiescent Current Input Voltage Range: 2.5V to 16V Packages: 5 pin TO-220 5 pin TO-263			
				SPX29152 Adj. Output Low Dropout - 390mV Enable 900µA Quiescent Current Input Voltage Range: 2.5V to 16V Packages: 5 pin TO-220 5 pin TO-263	SPX29302 Adj. Output Low Dropout - 550mV Enable 900µA Quiescent Current Input Voltage Range: 2.5V to 16V Packages: 5 pin TO-220 5 pin TO-263			
				SPX29153 Adj. Output Error Flag Low Dropout - 390mV 900µA Quiescent Current Input Voltage Range: 2.5V to 16V Packages: 5 pin TO-220 5 pin TO-263	SPX29303 Adj. Output Error Flag Low Dropout - 550mV 900µA Quiescent Current Input Voltage Range: 2.5V to 16V Error Flag Packages: 5 pin TO-220 5 pin TO-263			

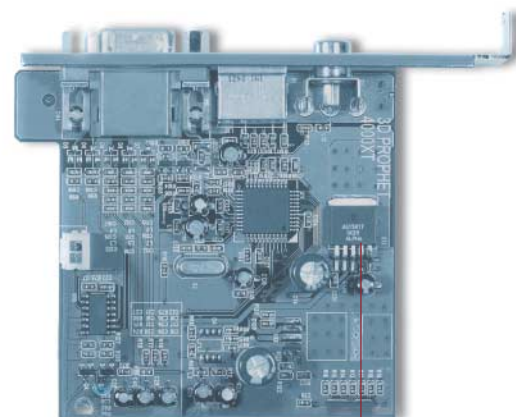


SPX158X



SP6213





SPX158X



SP6213

LDO CROSS REFERENCE GUIDE

LINEAR TECHNOLOGY

LT1004CZ-1.2	SPX1004N-1.2	LT1086CT-3.3	SPX2815AU-3.3	LT1581CQ	SPX1581T5	LT1585CT	SPX1585AU
LT1004CZ-2.5	SPX1004N-2.5	LT1086CT-5.0	SPX2815AU-5.0	LT1581CQ-2.5	SPX1581T5-2.5	LT1585CT-3.3	SPX1585AT-3.3
LT1084CT	SPX1585AU	LT1117CM	SPX1117T	LT1581CT	SPX1581U5	LT1585CT-3.3	SPX1585AU-3.3
LT1084CT-3.3	SPX1585AU-3.3	LT1117CM-2.5	SPX1117T-2.5	LT1581CT-2.5	SPX1581U5-2.5	LT1585CT-5.0	SPX1585AT-5.0
LT1084CT-5.0	SPX1585AU-5.0	LT1117CM-3.3	SPX1117T-3.3	LT1582CQ	SPX1582T5	LT1585CT-5.0	SPX1585AU-5.0
LT1085CM-3.3	SPX1587AT-3.3	LT1117CST	SPX1117M3	LT1582CQ-2.5	SPX1582T5-2.5	LT1587CM	SPX1587AT
LT1085CM-5.0	SPX1587AT-5.0	LT1117CST-2.5	SPX1117M3-2.5	LT1582CT	SPX1582U5	LT1587CM-3.3	SPX1587AT-3.3
LT1085CT	SPX1587AU	LT1117CST-3.3	SPX1117M3-3.3	LT1582CT-2.5	SPX1582U5-2.5	LT1587CT	SPX1587AU
LT1085CT-3.3	SPX1587AU-3.3	LT1117CT	SPX1117U	LT1583CT	SPX1583U5	LT1587CT-3.3	SPX1587AU-3.3
LT1085CT-5.0	SPX1587AU-5.0	LT1580CQ	SPX1580T5	LT1583CT-2.5	SPX1583U5-2.5	LT1963EQ	SPX29302T5
LT1086CM	SPX2815AT	LT1580CQ-2.5	SPX1580T5-2.5	LT1584CT	SPX1584AU	LT1963ET	SPX29302U5
LT1086CM-5.0	SPX2815AT-5.0	LT1580CT	SPX1580U5	LT1584CT-3.3	SPX1584AU-3.3		
LT1086CT	SPX2815AU	LT1580CT-2.5	SPX1580U5-2.5	LT1585CQ	SPX1585AT		

MICREL

LP2950-02BZ	LP2950ACN-5.0	MIC29151-3.3BU	SPX29151T5-3.3	MIC29300-3.3BT	SPX29300U-3.3	MIC5201-3.0BS	SP6201EM5-3.0
LP2950-03BZ	LP2950CN-5.0	MIC29151-5.0BT	SPX29151U5-5.0	MIC29300-3.3BU	SPX29300T-3.3	MIC5201-3.3BS	SP6201EM5-3.3
LP2951-02BM	LP2951ACS-5.0	MIC29151-5.0BU	SPX29151T5-5.0	MIC29300-5.0BT	SPX29300U-5.0	MIC5201-5.0BS	SP6201EM5-5.0
LP2951-03BM	LP2951CS-5.0	MIC2920A-3.3BS	SPX2920M3-3.3	MIC29300-5.0BU	SPX29300T-5.0	MIC5201BS	SP6201EM5-Adj
MIC29150-3.3BT	SPX29150U-3.3	MIC2920A-3.3BT	SPX2920U-3.3	MIC29301-3.3BT	SPX29301U5-3.3	MIC5205-2.8BM5	SPX5205M5-2.8
MIC29150-3.3BU	SPX29150T-3.3	MIC2920A-3.3BT	SPX2945U-3.3	MIC5200-3.0BS	SP6200EM5-3.0	MIC5205-3.3BM5	SPX5205M5-3.3
MIC29150-5.0BT	SPX29150U-5.0	MIC2920A-5.0BS	SPX2920M3-5.0	MIC5200-3.3BS	SP6200EM5-3.3	MIC5205-5.0BM5	SPX5205M5-5.0
MIC29150-5.0BU	SPX29150T-5.0	MIC2920A-5.0BT	SPX2920U-5.0	MIC5200-5.0BS	SP6200EM5-5.0	MIC5205BM5	SPX5205M5
MIC29151-3.3BT	SPX29151U5-3.3	MIC2920A-5.0BT	SPX2945U-5.0	MIC5200BS	SP6200EM5-Adj	MIC5219-3.3BM5	SPX3819M5-3.3

MICROCHIP (formerly TELCOM)

TC1055-2.7VCT	SP6200EM5-2.7	TC1055VCT	SP6200EM5-Adj	TC1185-5.0CVT	SPX5205M5-5.0	TC1186-5.0VCT	SP6201EM5-5.0
TC1055-2.85VCT	SP6200EM5-2.85	TC1185-CVT	SPX5205M5	TC1186-2.7VCT	SP6201EM5-2.7	TC1186VCT	SP6201EM5-Adj
TC1055-3.0VCT	SP6200EM5-3.0	TC1185-1.8CVT	SPX5205M5-1.8	TC1186-2.85VCT	SP6201EM5-2.85		
TC1055-3.3VCT	SP6200EM5-3.3	TC1185-2.5CVT	SPX5205M5-2.5	TC1186-3.0VCT	SP6201EM5-3.0		
TC1055-5.0VCT	SP6200EM5-5.0	TC1185-3.3CVT	SPX5205M5-3.3	TC1186-3.3VCT	SP6201EM5-3.3		

NATIONAL SEMICONDUCTOR

LM1117DT	SPX1117R	LM2940CT-5.0	SPX2940U-5.0	LM4040DIM3-2.5	SPX4040M-2.5	LP2951CM-3.3	SPX2951ACS-3.3
LM1117DT-1.8	SPX1117R-1.8	LM2940S-5.0	SPX2940T-5.0	LM4040DIZ-2.5	SPX4040N-2.5	LP2985IM5-2.5	SPX5205M5-2.5
LM1117DT-2.5	SPX1117R-2.5	LM2940T-5.0	SPX2940U-5.0	LM4040EIZ-2.5	SPX4040N-2.5	LP2985IM5-2.8	SPX5205M5-2.8
LM1117DT-2.85	SPX1117R-2.85	LM2941CS	SPX2941T5	LM4041CIM3-1.2	SPX4041AM	LP2985IM5-3.3	SPX5205M5-3.3
LM1117DT-3.3	SPX1117R-3.3	LM2941CT	SPX2941U5	LM4041CIZ-1.2	SPX4041N	LP2985IM5-5.0	SPX5205M5-5.0
LM1117MP	SPX1117M3	LM2941S	SPX2941T5	LM4041DIM3-1.2	SPX4041M	LP3963ES-1.8	SPX29301T5-1.8
LM1117MP-1.8	SPX1117M3-1.8	LM2941T	SPX2941U5	LM4041DIZ-1.2	SPX4041N	LP3963ES-2.5	SPX29301T5-2.5
LM1117MP-2.5	SPX1117M3-2.5	LM385AM-1.2	SPX385AS-1.2	LM4041EIM3-1.2	SPX4041M	LP3963ES-3.3	SPX29301T5-3.3
LM1117MP-2.85	SPX1117M3-2.85	LM385AZ-1.2	SPX385AN-1.2	LM4041EIZ-1.2	SPX4041N	LP3963ES-5.0	SPX29301T5-5.0
LM1117MP-3.3	SPX1117M3-3.3	LM385M-1.2	SPX385S-1.2	LM431CCM	SPX431LAS	LP3963ET-1.8	SPX29301U5-1.8
LM1117T	SPX1117U	LM385M-2.5	SPX385S-2.5	LMS1585ACS-ADJ	SPX1585T	LP3963ET-2.5	SPX29301U5-2.5
LM1117T-2.85	SPX1117U-2.85	LM385YM-2.5	SPX385AS-2.5	LMS1585ACS-3.3	SPX1585T-3.3	LP3963ET-3.3	SPX29301U5-3.3
LM1117T-3.3	SPX1117U-3.3	LM385YZ-2.5	SPX385AN-2.5	LMS1585ACT-ADJ	SPX1585U	LP3963ET-5.0	SPX29301U5-5.0
LM2937ET-5.0	SPX2945U-5.0	LM385Z-1.2	SPX385N-1.2	LMS1585ACT-3.3	SPX1585U-3.3	LP3966ET-ADJ	SPX29302U5
LM2937IMP-5.0	SPX2945M3-5.0	LM385Z-2.5	SPX385N-2.5	LP2951ACM	SPX2951ACS-5.0	LP3966ES-ADJ	SPX29302T5
LM2937ES-5.0	SPX2945T-5.0	LM4040CIM3-2.5	SPX4040AM-2.5	LP2951ACM-3.3	SPX2951ACS-3.3		
LM2940CS-5.0	SPX2940T-5.0	LM4040CIZ-2.5	SPX4040N-2.5	LP2951CM	SPX2951ACS-5.0		

SEMTECH

EZ1084CM	SPX1585AT	EZ1117ACST	SPX2810AM3	EZ1581CT-2.5	SPX1581U5-2.5	SC1117CM-3.3	SPX1117T-3.3
EZ1084CM-2.5	SPX1585AT-2.5	EZ1117ACST-2.5	SPX1117M3-2.5	EZ1583CM	SPX1583T5	SC1117CST	SPX1117M3
EZ1084CM-3.3	SPX1585AT-3.3	EZ1117ACST-3.3	SPX1117M3-3.3	EZ1583CM-2.5	SPX1583T5-2.5	SC1117CST-3.3	SPX1117M3-3.3
EZ1084CT-2.5	SPX1585AU-2.5	EZ1117CM	SPX1117T	EZ1585CT-2.5	SPX1585AT-2.5	SC431LCSK-5	SPX432AM
EZ1085CM-2.5	SPX1587AT-2.5	EZ1117CM-2.5	SPX1117T-2.5	EZ1585CT-2.5	SPX1585AU-2.5	SC431LCSK-1	SPX432M
EZ1085CM-5.0	SPX1585AT-5.0	EZ1117CM-3.3	SPX1117T-3.3	EZ1587CM-2.5	SPX1587AT-2.5	SC431LCSK-2	SPX431LM
EZ1085CT-2.5	SPX1587AU-2.5	EZ1117CST	SPX1117M3	EZ1587CT-2.5	SPX1587AU-2.5	SC431LCZ-2	SPX431LN
EZ1086CM-2.5	SPX2815AT-2.5	EZ1117CST-2.5	SPX1117M3-2.5	LP2951CM-3.3	LP2951CS-3.3	SC5205-1.8CSK	SPX5205M5-1.8
EZ1086CT-2.5	SPX2815AU-2.5	EZ1117CST-3.3	SPX1117M3-3.3	LP2951CM-5.0	LP2951CS-5.0	SC5205-2.5CSK	SPX5205M5-2.5
EZ1117ACM	SPX2810AT	EZ1581CM	SPX1581T5	SC1004CS8-1.2	SPX1004S-1.2	SC5205-2.8CSK	SPX5205M5-2.8
EZ1117ACM-2.5	SPX1117T-2.5	EZ1581CM-2.5	SPX1581T5-2.5	SC1004CS8-2.5	SPX1004S-2.5	SC5205-3.3CSK	SPX5205M5-3.3
EZ1117ACM-3.3	SPX2810AT-3.3	EZ1581CT	SPX1581U5	SC1117CM	SPX1117T	SC5205-5.0CSK	SPX5205M5-5.0

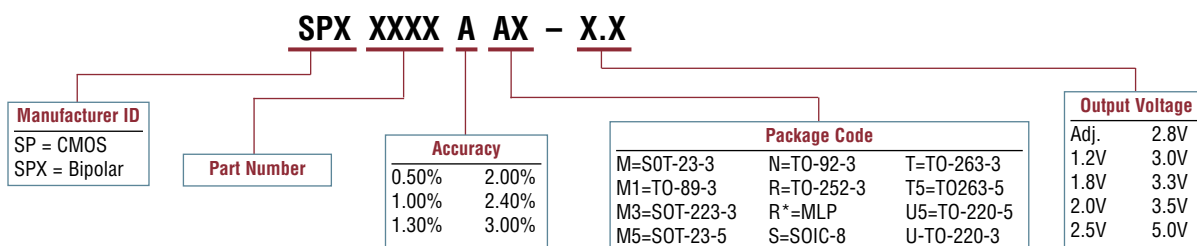
TEXAS INSTRUMENTS

TL1431CD	SPX1431S	TL1431QD	SPX1431S	TL431CLP	SPX431CN	TLV431ACL	SPX432N
TL1431CLP	SPX1431N	TL1431QLP	SPX1431N	TL431PK	SPX431CM1	TLV431AILP	SPX432N

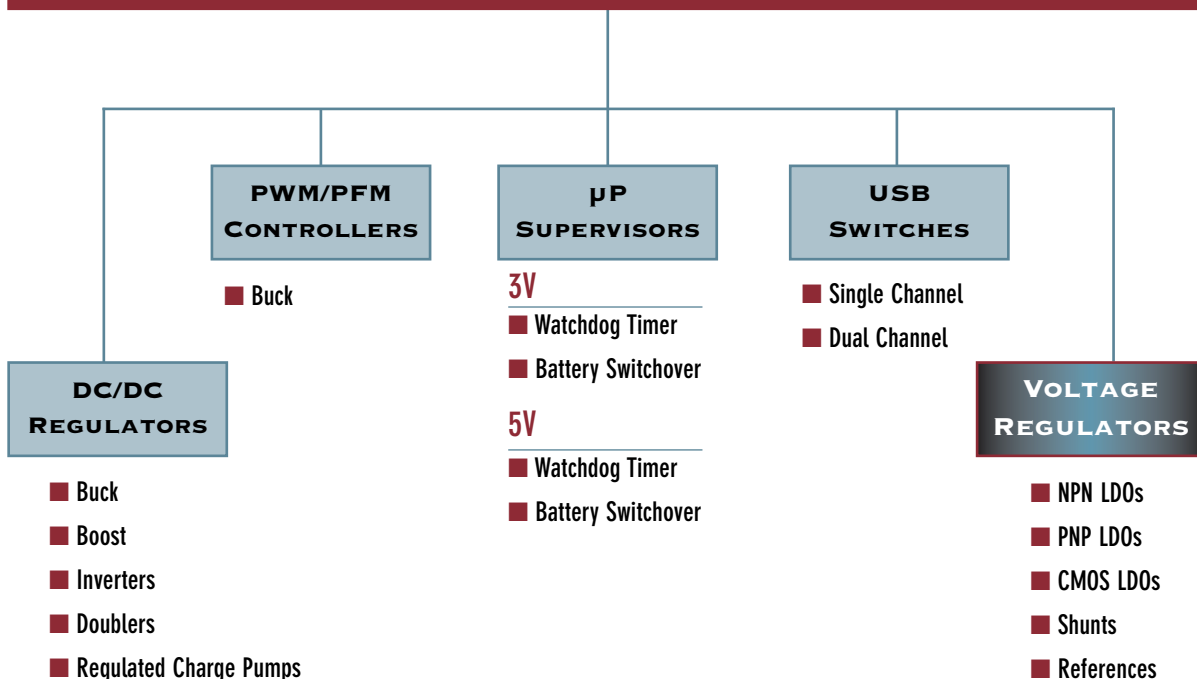
PRECISION MICROPOWER SHUNT VOLTAGE REGULATORS

Device	IK (Min - Max) (mA)	VKA (V)	Accuracy (1%)	Reference Voltage (VREF)	2 Terminal	3 Terminal	IREF (Max) (μA)	packages
SPX1004	0.01-20	N/A	0.5%, 1%	1.235V & 2.5V	✓		N/A	M1, S, N
SPX1431	1-150	36	0.40%	2.5V		✓	1.9	M5, M1, S, N
SPX2431	1-100	20	0.5%, 1%	2.5V		✓	4	M
SPX2431L	0.16-100	20	0.5%, 1%	2.5V		✓	4	M, S, N
SPX3431	1-100	20	0.5%, 1%	2.5V		✓	4	M, M1, N
SPX385-1.2	0.01-20	N/A	1.3%, 2.4%	1.235V	✓		N/A	M1, S, N
SPX385-2.5	0.01-20	N/A	1%, 2%	2.5V	✓		N/A	M1, S, N
SPX4040	0.16-15	N/A	0.5%, 1%	2.5V	✓		N/A	M, S, N
SPX4041	0.16-15	N/A	1%, 2%	1.24V	✓		N/A	M, S, N
SPX431A	1-150	36	0.5%	2.5V		✓	4	M5, M1, S, N
SPX431B	1-150	36	1%	2.5V		✓	4	M5, M1, S, N
SPX431C	1-150	36	2%	2.5V		✓	4	M5, M1, S, N
SPX431L	1-100	20	0.5%, 1, 2%	2.5V		✓	4	M, M1, S, N
SPX432	1-80	18	0.5%, 1%	1.24V		✓	6	M, S, N

POWER MANAGEMENT PRODUCT IDENTIFICATION CODE



POWER MANAGEMENT



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