

Power Supply Products Selection Guide

Commercial Temperature

CURRENT (AMPS)	POSITIVE OR NEGATIVE OUTPUT	PART NUMBER	PACKAGE TYPE	V _{IN} /V _{DIFF} MAX (V)	V _O NOMINAL REGULATED OUTPUT VOLTAGE (V)	MIL/IND TEMP	FEATURE/COMMENTS
10.0	Pos Adj	LT1038CK	Steel TO-3	35	1.2 to 33	M	2% V _{OUT} Tol, Plug In Compatible with 317, 350, 338 Types
	Switching	LT1270ACT	TO-220	30	Adjustable		Self-Contained 60kHz PWM and 10 Amp Switch in a 5-Pin Package
8.0	Switching	LT1270CT	TO-220	30	Adjustable		Self-Contained 60kHz PWM and 8 Amp Switch in a 5-Pin Package
7.5	Pos Fixed	LT1083CK-5	Steel TO-3	30	5	M	Low Dropout (1.2V), 1% V _{OUT} Tol
		LT1083CP-5	Plastic TO-3P	30	5		
		LT1083CK-12	Steel TO-3	30	12	M	
		LT1083CP-12	Plastic TO-3P	30	12		
Pos Adj	LT1083CK	Steel TO-3	30	1.2 to 29	M, I	Low Dropout (1.2V), Pin Compatible with 317, 350, 338 Types	
	LT1083CP	Plastic TO-3P	30	1.2 to 29			
Switching	LT1268CQ	Plastic DD	30	Adjustable		Self-Contained 150kHz PWM and 7.5A Switch in 5-Pin Package	
	LT1268CT	TO-220	30	Adjustable			
7.0	Pos Fixed	LT1584CT-3.3	Plastic TO-220	7	3.3		Low Dropout, Fast Transient Response for Microprocessor Applications
		LT1584CT-3.38	Plastic TO-220	7	3.38		
		LT1584CT-3.45	Plastic TO-220	7	3.45		
		LT1584CT-3.6	Plastic TO-220	7	3.3		
Pos Adj	LT1584CT	Plastic TO-220	7	Adjustable			
5.0	Pos Fixed	LT1003CK	Steel TO-3	20	5	M	2% V _{OUT} Tol
		LT1003CP	Plastic TO-3P	20	5		
		LT1084CT-3.3	TO-220	30	3.3		Low Dropout (1.2V), 1% V _{OUT} Tol
		LT1084CK-5	Steel TO-3	30	5	M	
		LT1084CP-5	Plastic TO-3P	30	5		
		LT1084CT-5	TO-220	30	5		
		LT1084CK-12	Steel TO-3	30	12	M	
	LT1084CP-12	Plastic TO-3P	30	12			
	LT1084CT-12	TO-220	30	12			
	LT1585ACT-3.3	TO-220	7	3.3		Low Dropout, Fast Transient Response for Microprocessor Applications	
	Pos Adj	LT338AK LM338K	Steel TO-3	35	1.2 to 32	M	LT338A Has 1% V _{REF} Tol
		LT338AP LM338P	Plastic TO-3P	35	1.2 to 32		
	LT1084CK	Steel TO-3	30	1.2 to 29	M, I	Low Dropout (1.2V), Pin Compatible with 317, 350, 338 Types	
LT1084CP		Plastic TO-3P	30	1.2 to 29			
LT1084CT	TO-220	30	Adjustable				
LT1087CT	TO-220	30	1.2 to 29		Low Dropout (1.2V) with Kelvin Sense		
LT1585ACT	TO-220	7	Adjustable		Low Dropout, Fast Transient Response for Microprocessor Applications		
Switching	LT1070CK	Steel TO-3	40	Adjustable	M, I	Self-Contained 40kHz PWM and 5A Switch in a 5-Pin Package	
	LT1070CT	TO-220	40	Adjustable	I		
	LT1070HVCK	Steel TO-3	60	Adjustable	M		
	LT1070HVCT	TO-220	60	Adjustable	I		
	LT1074CK	Steel TO-3	45	Adjustable	M	Self-Contained 100kHz PWM and 5A Switch in a 5-Pin Package, Step-Down	
	LT1074CT	TO-220	45	Adjustable	I		
	LT1074CY	7-Lead TO-220	45	Adjustable		Self-Contained 100kHz PWM and 5A Switch in a 7-Pin Package, Step-Down	
	LT1074HVCK	Steel TO-3	64	Adjustable	I	Self-Contained 100kHz PWM and 5A Switch in a 5-Pin Package, Step-Down	
	LT1074HVCT	TO-220	64	Adjustable	I		
LT1074HVCY	7-Lead TO-220	64	Adjustable		Self-Contained 100kHz PWM and 5A Switch in a 7-Pin Package, Step-Down		
LT1170CK	Steel TO-3	40	Adjustable	M	Self-Contained 100kHz PWM and 5A Switch in a 5-Pin Package, Step-Up/Flyback		
LT1170CQ	Plastic DD	30	Adjustable				
LT1170CT	TO-220	40	Adjustable	I			
LT1170HVCT	TO-220	60	Adjustable				
4.6	Pos Fixed	LT1585CM-3.3	Plastic DD	7	3.3		Low Dropout, Fast Transient Response for Microprocessor Applications
		LT1585CT-3.3	Plastic TO-220	7	3.3		
Pos Adj	LT1585CM	Plastic DD	7	Adjustable			
	LT1585CT	Plastic TO-220	7	Adjustable			
4.0	Pos Fixed	LT1585CM-3.38	Plastic DD	7	3.38		Low Dropout, Fast Transient Response for Microprocessor Applications
		LT1585CT-3.38	Plastic TO-220	7	3.38		
		LT1585CM-3.45	Plastic DD	7	3.45		
		LT1585CT-3.45	Plastic TO-220	7	3.45		
		LT1585CM-3.6	Plastic DD	7	3.6		
		LT1585CT-3.6	Plastic TO-220	7	3.6		
	Switching	LT1269CQ	Plastic DD	30	Adjustable		Self-Contained 100kHz PWM and 4A Switch in 5-Pin Package
		LT1269CT	TO-220	30	Adjustable		
		LT1269CS	20-Lead SO	30	Adjustable		Self-Contained 100kHz PWM and 4A Switch in 20-Lead SO Pkg
		LT1271CQ	Plastic DD	30	Adjustable		Self-Contained 60kHz PWM and 4A Switch in 5-Pin Package
LT1271CT	TO-220	30	Adjustable				
3.0	Pos Fixed	LT1587CM-1.5	Plastic DD	7	1.5		For 1.5V GTL+ Termination
		LT1587CT-1.5	Plastic TO-220	7	1.5		
	LT1587CM-3.3	Plastic DD	7	3.3		Low Dropout, Fast Transient Response for Microprocessor Applications	
		LT1587CT-3.3	Plastic TO-220	7	3.3		
		LT1587CM-3.45	Plastic DD	7	3.45		
		LT1587CT-3.45	Plastic TO-220	7	3.45		
		LT1587CM-3.6	Plastic DD	7	3.3		
		LT1587CT-3.6	Plastic TO-220	7	3.3		

Selection Guides

Power Supply Products Selection Guide

Commercial Temperature

CURRENT (AMPS)	POSITIVE OR NEGATIVE OUTPUT	PART NUMBER	PACKAGE TYPE	V _{IN} /V _{DIFF} MAX (V)	V _O NOMINAL REGULATED OUTPUT VOLTAGE (V)	MIL/IND TEMP	FEATURE/COMMENTS
3.0	Pos Fixed	LT1528CT	5-Lead TO-220	15	Adjustable		Low Dropout (0.6V at 3A), Fast Transient Response for Microprocessor Applications
		LT1528CQ	5-Lead DD		Adjustable		
		LT1529CT	5-Lead TO-220	15	Adjustable		Micropower (50µA Quiescent Current) Ultra Low Dropout (0.5V at 3A)
		LT1529CT-3.3	5-Lead TO-220		3.3V		
		LT1529CT-5	5-Lead TO-220		5V		
		LT1529CQ	5-Lead DD	15	Adjustable		
		LT1529CQ-3.3	5-Lead DD		3.3V		
		LT1529CT-5	5-Lead DD		5V		
		LT323AK LM323K	Steel TO-3	20	5	M	LT323A Has 1% V _{OUT} Tol
		LT323AT	TO-220	20	5		
	LT1085CT-3.3	TO-220	30	3.3		Low Dropout (1.2V), 1% V _{OUT} Tol	
	LT1085CM-3.3	Plastic DD	30	3.3		Low Dropout (1.2V), 1% V _{OUT} Tol 3-Pin Surface Mount Package	
	LT1085CM-3.6	Plastic DD	30	3.6			
	LT1085CT-3.6	TO-220	30	3.6		Low Dropout (1.2V), 1% V _{OUT} Tol	
	LT1085CK-5	Steel TO-3	30	5	M, I		
	LT1085CT-5	TO-220	30	5	I		
	LT1085CK-12	Steel TO-3	30	12	M, I		
	LT1085CT-12	TO-220	30	12	I		
	Pos Adj	LT1587CM	Plastic DD	7	Adjustable		Low Dropout, Fast Transient Response for Microprocessor Applications
		LT1587CT	TO-220	7	Adjustable		
		LT350AK LM350K	Steel TO-3	35	1.2 to 33	M	LT350A Has 1% V _{REF} Tol
		LT350AT LM350T	TO-220	35	1.2 to 33		
		LT350AP LM350P	Plastic TO-3P	35	1.2 to 33		
LT1085CK		Steel TO-3	30	1.2 to 29	M, I	Low Dropout (1.2V), Pin Compatible with 317, 350 Types	
LT1085CT		TO-220	30	1.2 to 29	I		
Neg Adj	LT1033CK	Steel TO-3	35	-1.2 to -32	M	2% V _{REF} Tol	
	LT1033CP	Plastic TO-3P	35	-1.2 to -32			
	LT1033CT	TO-220	35	-1.2 to -32			
	LT1185CT	TO-220	35	-2.5 to -25	M, I	Low Dropout (0.75V) with Prog Current Limit and Shutdown	
Dual Pos Fixed	LT1035CK	Steel TO-3	20	Two 5V Outputs	M	Logic Controlled Main Output Voltage, 75mA Auxiliary Output	
	LT1035CT	TO-220	20	Two 5V Outputs			
Positive	LT1036CK	Steel TO-3	30	12, 5	M	Logic Controlled 12V, 3A Output, 5V, 75mA Auxiliary Output	
	LT1036CT	TO-220	30	12, 5			
Switching	LT1371CR	7-Lead DD	30	Adjustable		Self-Contained 500kHz PWM and 3A Switch in a 7-Pin Package	
2.5	Switching	LT1071CK	Steel TO-3	40	Adjustable	M	Self-Contained 40kHz PWM and 2.5A Switch in a 5-Pin Package
		LT1071CT	TO-220	40	Adjustable	I	
		LT1071HVCK	Steel TO-3	60	Adjustable	M	
		LT1071HVCT	TO-220	60	Adjustable	I	
		LT1171CK	Steel TO-3	40	Adjustable	M	Self-Contained 100kHz PWM and 2.5A Switch in a 5-Pin Package
		LT1171CT	TO-220	40	Adjustable	I	
LT1171HVCT	TO-220	60	Adjustable				
LT1171CQ	Plastic DD	40	Adjustable		Self-Contained 100kHz PWM and 2.5A Switch in a 5-Pin Sur Mt Pack		
2.0	Switching	LT1076CK	Steel TO-3	45	Adjustable	M	Self-Contained 100kHz PWM and 2A Switch
		LT1076CR	Plastic DD	45	Adjustable		Self-Contained 100kHz PWM and 2A Switch in a 7-Pin Sur Mt Pack
		LT1076CT	TO-220	45	Adjustable	I	Self-Contained 100kHz PWM and 2A Switch
		LT1076HVCK	Steel TO-3	64	Adjustable		
		LT1076HVCT	TO-220	64	Adjustable	I	Self-Contained 100kHz PWM and 2A Switch in a 5-Pin Package
		LT1076CY-5	7-Lead TO-220	45	5		100kHz PWM and 2A Switch in 7-Pin Package with Shutdown and Fixed 5V Output
		LT1076HCY-5	7-Lead TO-220	64	5		
		LT1076CR-5	Plastic DD	45	5		Self-Contained 100kHz PWM and 2A Switch in a 7-Pin Sur Mt Pack
		LT1076CT7	7-Lead TO-220	45	Adjustable		Self-Contained 100kHz PWM and 2A Switch in a 7-Pin Package
		LT1076HVCT7	7-Lead TO-220	64	Adjustable		
		LT1103CT7	7-Lead TO-220	30	Adjustable	I	Designed for AC Line Powered Applications, Minimum External Components Required for 75W Isolated Power Supply
		LT1302CN8	8-Pin PDIP	10	Adjustable		Micropower Switching Regulator Works Down to 2V Input and Produces 5V at 600mA
		LT1302CS8	8-Pin Plastic SO	10	Adjustable		
LT1302CN8-5	8-Pin PDIP	5	5		Micropower Switching Regulator Works Down to 2V Input and Produces 5V at 600mA		
LT1302CS8-5	8-Pin Plastic SO	5	5				
1.5	Pos Fixed	LT1086CT-2.85	TO-220	30	2.85		Intended for SCSI-2 Active Termination
		LT1375CN8-5	8-Pin PDIP	25	5	I	Self-Contained 500kHz PWM and 1.5A Switch in a 8-Pin Package
		LT1375CS8-5	8-Pin Plastic SO	25	5	I	
		LT1376CN8-5	8-Pin PDIP	25	5	I	
		LT1376CS8-5	8-Pin Plastic SO	25	5	I	
	Pos Adj	LT1375CN8	8-Pin PDIP	25	Adjustable	I	Self-Contained 500kHz PWM and 1.5A Switch in a 8-Pin Package
		LT1375CS8	8-Pin Plastic SO	25	Adjustable	I	
		LT1376CN8	8-Pin PDIP	25	Adjustable	I	
LT1376CS8	8-Pin Plastic SO	25	Adjustable	I			

Power Supply Products Selection Guide

Commercial Temperature

CURRENT (AMPS)	POSITIVE OR NEGATIVE OUTPUT	PART NUMBER	PACKAGE TYPE	V _{IN} /V _{DIFF} MAX (V)	V _O NOMINAL REGULATED OUTPUT VOLTAGE (V)	MIL/IND TEMP	FEATURE/COMMENTS	
1.5	Switching	LT1372CN8	8-Pin PDIP	30	Adjustable		Self-Contained 500kHz PWM and 1.5A Switch in a 8-Pin Package	
		LT1372CS8	8-Pin Plastic SO	30	Adjustable			
		LT1372CN8-12	8-Pin PDIP	30	12			
0.5 to 1.5	Pos Fixed	LT1086CT-3.3	TO-220	30	3.3	M, I	Low Dropout (1.2V), 1% V _{OUT} Tol	
		LT1086CM-3.3	Plastic DD	30	3.3			
		LT1086CT-3.6	TO-220	30	3.6			
		LT1086CM-3.6	Plastic DD	30	3.6			
		LT1086CK-5	Steel TO-3	30	5			
		LT1086CT-5	TO-220	30	5			
		LT1086CK-12	Steel TO-3	30	12			
		LT1086CT-12	TO-220	30	12			
	Pos Adj	LT317AK LM317K	Steel TO-3	40	1.2 to 37	M	LT317A Has 1% V _{REF} Tol	
		LT317AH LM317H	TO-39	40	1.2 to 37	M		
		LT317AT LM317T	TO-220	40	1.2 to 37	M		
		LT1086CK	Steel TO-3	30	1.2 to 29	M, I	Low Dropout (1.2V), 1% V _{REF} Tol Pin-Compatible with 317 Types	
		LT1086CT	TO-220	30	1.2 to 29	I		
		LT1086CH	TO-39	30	1.2 to 29	M		
		LT1086CM	Plastic DD	30	1.2 to 29		Low Dropout (1.2V), 1% V _{REF} Tol 3-Pin Surface Mount Package	
	Neg Adj	LT337AK LM337K	Steel TO-3	40	-1.2 to -37	M	LT337A Has 1% V _{REF} Tol	
		LT337AH LM337H	TO-39	40	-1.2 to -37	M		
		LT337AT LM337H	TO-220	40	-1.2 to -37	M		
	Pos Adj High Voltage	LT317AHVK LM317HVK	Steel TO-3	60	1.2 to 57	M	LT317AHV Has 1% V _{REF} Tol	
		LT317AHVH LM317HVH	TO-39	60	1.2 to 57	M		
	Neg Adj High Voltage	LT337AHVK LM337HVK	Steel TO-3	50	-1.2 to -47	M	LT337AHV Has 1% V _{REF} Tol	
		LT337AHVH LM337HVH	TO-39	50	-1.2 to -47	M		
	1.25	Switching	LT1072CK	Steel TO-3	40	Adjustable	M, I	Self-Contained 40kHz PWM and 1.25A Switch in a 5-Pin Package
			LT1072CT	TO-220	40	Adjustable		
LT1072HVCK			Steel TO-3	60	Adjustable			
LT1072HVCT			TO-220	60	Adjustable			
LT1072CJ8			8-Pin CERDIP	40	Adjustable			
LT1072CN8			8-Pin PDIP	40	Adjustable			
LT1072CS8			8-Pin Plastic SO	40	Adjustable			
LT1172CK			Steel TO-3	40	Adjustable			
LT1172CT			TO-220	40	Adjustable			
LT1172HVCT			TO-220	60	Adjustable			
LT1172CJ8			8-Pin CERDIP	40	Adjustable			
LT1172CN8			8-Pin PDIP	40	Adjustable			
LT1172CQ			Plastic DD	40	Adjustable			
LT1172CS8			8-Pin Plastic SO	40	Adjustable			
LT1176CN8			8-Pin PDIP	38	Adjustable			
LT1176CN8-5			8-Pin PDIP	38	5			
LT1176CS			20-Lead SO	38	Adjustable			
LT1176CS-5	20-Lead SO	38	5					
LTC1265CN	14-Pin PDIP	13	Adjustable	M	Micropower 1A Step-Down Switching Regulator Achieves 90% Efficiency			
LTC1265CS	14-Pin PDIP	13	Adjustable					
LTC1265CN-3.3	14-Pin PDIP	13	3.3					
LTC1265CS-3.3	14-Pin PDIP	13	3.3					
LTC1265CN-5	14-Pin PDIP	13	5					
LTC1265CS-5	14-Pin PDIP	13	5					
LT1572CS	16-Pin SO	40	Adjustable		Built-In 1A Schottky Diode, otherwise similar to LT1172			
1.0	Dual Pos Fixed	LT1005CK	Steel TO-3	20	Two 5V Outputs	M	Logic Controlled Main Output Voltage	
		LT1005CT	TO-220	20	Two 5V Outputs			
	Switching	LT1073CN8	8-Pin PDIP	15	Adjustable	M	Micropower Switching Regulator Works Down to 1V Input. Requires Only 3 External Components (-5, -12 Versions)	
		LT1073CS8	8-Pin Plastic SO	15	Adjustable			
		LT1073CN8-5	8-Pin PDIP	15	5			
		LT1073CS8-5	8-Pin Plastic SO	15	5			
		LT1073CN8-12	8-Pin PDIP	15	12			
		LT1073CS8-12	8-Pin Plastic SO	15	12			
		LT1082CN8	8-Pin PDIP	75	Adjustable			
		LT1082CT	TO-220	75	*			
		LT1107CN8	8-Pin PDIP	36	Adjustable			
		LT1107CS8	8-Pin Plastic SO	36	Adjustable			
		LT1107CN8-5	8-Pin PDIP	36	5			
		LT1107CS8-5	8-Pin Plastic SO	36	5			
		LT1107CN8-12	8-Pin PDIP	36	12			
		LT1107CS8-12	8-Pin Plastic SO	36	12			
		LT1108CN8	8-Pin PDIP	36	Adjustable			M
LT1108CS8	8-Pin Plastic SO	36	Adjustable					
LT1108CN8-5	8-Pin PDIP	36	5					
LT1108CS8-5	8-Pin Plastic SO	36	5					
LT1108CN8-12	8-Pin PDIP	36	12					
LT1108CS8-12	8-Pin Plastic SO	36	12					

Power Supply Products Selection Guide

Commercial Temperature

CURRENT (AMPS)	POSITIVE OR NEGATIVE OUTPUT	PART NUMBER	PACKAGE TYPE	V _{IN} /V _{DIFF} MAX (V)	V _O NOMINAL REGULATED OUTPUT VOLTAGE (V)	MIL/IND TEMP	FEATURE/COMMENTS			
1.0	Switching	LT1109CZ-5	3-Pin TO-92	36	5		Micropower Switching Regulator Works Down to 2V Input. Requires Only 3 External Components (-5, -12 Versions). Optimized for V _{IN} ≥ 2V. Available in 3-Pin TO-92 Package. N8/S8 Versions Also Offer Shutdown Feature. 12V Version Ideal for Flash Memory Vpp Pulse Generation from 5V or 3V			
		LT1109CZ-12	3-Pin TO-92	36	12					
		LT1109CN8-5	8-Pin PDIP	36	5					
		LT1109CS8-12	8-Pin Plastic SO	36	5					
		LT1109CN8-5	8-Pin PDIP	36	12					
		LT1109CS8-12	8-Pin Plastic SO	36	12					
		LT1109ACN8	8-Pin PDIP	36	Adjustable			Micropower Switching Regulator Works Down to 2V Input. Requires Only 3 External Components (-5, -12 Versions). Optimized for V _{IN} ≥ 2V. 12V Version Ideal for Flash Memory Vpp Pulse Generation from 5V or 2V. Includes Shutdown Feature.		
		LT1109ACS8	8-Pin Plastic SO	36	Adjustable					
		LT1109ACN8-5	8-Pin PDIP	36	5					
		LT1109ACS8-5	8-Pin Plastic SO	36	5					
		LT1109ACN8-12	8-Pin PDIP	36	12					
		LT1109ACS8-12	8-Pin Plastic SO	36	12					
		LT1110CN8	8-Pin PDIP	15	Adjustable			Micropower Switching Regulator Works Down to 1V Input. Requires Only 3 External Components (-5, -12 Versions). 60kHz Oscillator Allows Use of Surface Mount Inductors		
		LT1110CS8	8-Pin Plastic SO	15	Adjustable					
		LT1110CN8-5	8-Pin PDIP	15	5					
	LT1110CS8-5	8-Pin Plastic SO	15	5						
	LT1110CN8-12	8-Pin PDIP	15	12						
	LT1110CS8-12	8-Pin Plastic SO	15	12						
	LT1111CN8	8-Pin PDIP	36	Adjustable		Micropower Switching Regulator Works Down to 2V Input. Requires Only 3 External Components (-5, -12 Versions). Optimized for V _{IN} ≥ 2V. 70kHz Oscillator Allows Use of Surface Mount Inductors				
	LT1111CS8	8-Pin Plastic SO	36	Adjustable	M					
	LT1111CN8-5	8-Pin PDIP	36	5	M					
	LT1111CS8-5	8-Pin Plastic SO	36	5						
	LT1111CN8-12	8-Pin PDIP	36	12	M					
	LT1111CS8-12	8-Pin Plastic SO	36	12						
	LT1173CN8	8-Pin PDIP	36	Adjustable		Micropower Switching Regulator Works Down to 2V Input. Requires Only 3 External Components (-5, -12 Versions). Optimized for V _{IN} ≥ 2V				
	LT1173CS8	8-Pin Plastic SO	36	Adjustable						
	LT1173CN8-5	8-Pin PDIP	36	5						
	LT1173CS8-5	8-Pin Plastic SO	36	5						
	LT1173CN8-12	8-Pin PDIP	36	12						
	LT1173CS8-12	8-Pin Plastic SO	36	12						
LT1303CN8-5	8-Pin PDIP	7	5V		Micropower Switching Regulator Works Down to 1.8V Input. Includes Low-Battery Detector					
LT1303CS8-5	8-Pin Plastic SO	7	5V							
LT1304CN8-5	8-Pin PDIP	7	5V		Micropower Switching Regulator Works Down to 1.8V Input. Includes Low-Battery Detector					
LT1304CS8-5	8-Pin Plastic SO	7	5V							
LT1304CN8	8-Pin PDIP	7	Adjustable							
LT1304CS8	8-Pin Plastic SO	7	Adjustable							
LT1304CN8-3.3	8-Pin PDIP	7	12V							
LT1304CS8-3.3	8-Pin Plastic SO	7	12V							
Switching (Positive Boost)	Switching (Positive Boost)	LT1300CN8	8-Pin PDIP	7	3.3/5		Micropower Switching Regulator Works Down to 1.8V Input. Includes Selectable 3.3V or 5V Output and Shutdown			
		LT1300CS8	8-Pin Plastic SO	7	3.3/5					
	Switching	Switching	LT1301CN8	8-Pin PDIP	10	5/12	I	Micropower Switching Regulator Works Down to 1.8V Input. Optimized for Flash Memory VPP Generation from 5V or 2V		
			LT1301CS8	8-Pin Plastic SO	10	5/12	I			
800mA	Pos Fixed	LT1117CST	3-Pin SOT-223	15	Adjustable		Adjustable Low Dropout Regulator, SOT-223 Package Active SCSI-2 Terminator, SOT-223 Package 3.3V Low Dropout Regulator, SOT-223 Package 5V Low Dropout Regulator, SOT-223 Package 2.5V Low Dropout Sink/Source Supply Splitter Active SCSI Terminator 5V Sink/Source Low Dropout Reg			
		LT1117CST-2.85	3-Pin SOT-223	12	2.85					
		LT1117CST-3.3	3-Pin SOT-223	10	3.3					
		LT1117CST-5	3-Pin SOT-223	10	5					
		LT1118CST-2.5	3-Pin SOT-223	15	2.5					
		LT1118CST-2.85	3-Pin SOT-223	15	2.85					
		LT1118CST-5	3-Pin SOT-223	15	5					
		700mA	Pos	LT1129CS8	8-Pin SO	30		Adjustable		Micropower Regulator With Shutdown, Dropout Voltage = 0.4V, Reverse Battery Protection in Low Thermal Resistance SO-8 Package Micropower Regulator With Shutdown, Dropout Voltage = 0.4V, Reverse Battery Protection
				LT1129CS8-3.3	8-Pin SO	30		3.3	I	
				LT1129CS8-5	8-Pin SO	30		5	I	
				LT1129CT	5-Pin TO-220	30		Adjustable	I	
				LT1129CO	Plastic DD	30		Adjustable	I	
				LT1129CT-3.3	5-Pin TO-220	30		3.3	I	
				LT1129CT-3.3	3-Pin SOT-223	30		3.3	I	
				LT1129CO-3.3	5-Pin DD	30		3.3	I	
LT1129CT-5	5-Pin TO-220			30	5	I				
LT1129CT-5	3-Pin SOT-223			30	5	I				
LT1129CO-5	5-Pin DD	30	5	I						
500mA	Negative	LT1175CS8	8-Pin Plastic SO	-25	Adjustable		Negative Low Dropout has Low Quiescent Current, Adjustable Current Limit			
		LT1175CN8	8-Pin PDIP	-25	Adjustable					
		LT1175CO	5-Pin DD	-25	Adjustable					
		LT1175CT	5-Pin TO-220	-25	Adjustable					
		LT1175CS8-5	8-Pin Plastic SO	-25	-5			Negative Low Dropout has Low Quiescent Current, Adjustable Current Limit		
	LT1175CN8-5	8-Pin PDIP	-25	-5						
	LT1175CO-5	5-Pin DD	-25	-5						
	LT1175CT-5	5-Pin TO-220	-25	-5						
	LT1106CF	20-Pin TSSOP	7	12V or 5V		Thin Package and 500kHz Operation Allows use in Type I PCMCIA Cards				
	Switching (Positive Boost)	Switching (Positive Boost)	LT1309CS8	8-Pin Plastic SO	7	12V		500kHz Operation Allows Use of Smallest Inductors/ Capacitors		

Power Supply Products Selection Guide

Commercial Temperature

CURRENT (AMPS)	POSITIVE OR NEGATIVE OUTPUT	PART NUMBER	PACKAGE TYPE	V _{IN} /V _{DIFF} MAX (V)	V _O NOMINAL REGULATED OUTPUT VOLTAGE (V)	MIL/IND TEMP	FEATURE/COMMENTS
400mA	Switching (Positive Step-Down)	LTC1174CN8	8-Pin PDIP	13.5	Adjustable	I	Micropower Step-Down Switching Regulator With 90% Efficiency. Selectable 200mA or 400mA Current Limit. Intended for 6V-9V Battery Applications
		LTC1174CN8-3.3	8-Pin PDIP	13.5	3.3		
		LTC1174CN8-5	8-Pin PDIP	13.5	5		
		LTC1174CS8	8-Pin SO	13.5	Adjustable	I	
		LTC1174CS8-3.3	8-Pin SO	13.5	3.3		
		LTC1174CS8-5	8-Pin SO	13.5	5		
	LTC1174HVCN8	8-Pin PDIP	18.5	Adjustable		Micropower Step-Down Switching Regulator with 90% Efficiency and High Input Voltage Capability	
		LTC1174HVCN8	8-Pin Plastic SO	18.5	Adjustable		
		LTC1174HVCN8-3.3	8-Pin PDIP	18.5	3.3		
		LTC1174HVCS8-3.3	8-Pin Plastic SO	18.5	3.3		
		LTC1174HVCN8-5	8-Pin PDIP	18.5	5		
		LTC1174HVCS8-5	8-Pin Plastic SO	18.5	5		
LTC1574CS	16-Pin Plastic SO	18.5	Adjustable		Micropower Step-Down Switching Regulator with On-Chip Schottky Diode and 90% Efficiency		
	LTC1574CS-3.3	16-Pin Plastic SO	18.5	3.3			
	LTC1574CS-5	16-Pin Plastic SO	18.5	5			
300mA	Pos	LTC1521CS8	8-Pin Plastic SO	20	Adjustable		Micropower Regulator With Shutdown: Ultralow Dropout (0.5V) and Quiescent Current (12µA). 3-Pin Versions Have Shutdown
		LTC1521CS8-3	8-Pin Plastic SO	20	3		
		LTC1521CS8-3.3	8-Pin Plastic SO	20	3.3		
		LTC1521CS8-5	8-Pin Plastic SO	20	5		
		LTC1521CST-3	3-Lead SOT-223	20	3		
		LTC1521CST-3.3	3-Lead SOT-223	20	3.3		
150mA	Pos	LT1121ACS8	8-Lead SO	30	Adjustable	I	Micropower Regulator With Shutdown, Dropout Voltage = 0.4V, Reverse Battery Protection in Low Thermal Resistance SO-8 Package
		LT1121ACS8-3.3	8-Lead SO	30	3.3		
		LT1121ACS8-5	8-Lead SO	30	5		
		LT1121CN8	8-Pin PDIP	30	Adjustable	I	Micropower Regulator With Shutdown, Dropout Voltage = 0.4V, Reverse Battery Protection
		LT1121CS8	8-Pin Plastic SO	30	Adjustable	I	
		LT1121CN8-3.3	8-Pin PDIP	30	3.3	I	
LT1121CS8-3.3	8-Pin Plastic SO	30	3.3	I			
LT1121CST-3.3	3-Pin SOT-223	30	3.3	I			
LT1121CN8-5	8-Pin PDIP	30	5	I			
LT1121CS8-5	8-Pin Plastic SO	30	5	I			
LT1121CST-5	3-Pin SOT-223	30	5	I			
125mA	Pos Adj	LT1020CJ	14-Pin CERPDP	36	4 to 30	M, I	Dropout Voltage = 0.4V, 40µA I _Q , Reference and Comparator
		LT1020CN	14-Pin Plastic	36	4 to 30	I	
		LT1020CS	16-Pin Plastic SOL	36	4 to 30	I	
		LT1120CJ8	8-Pin CERPDP	36	4 to 30	M	Dropout Voltage = 0.4V, 40µA I _Q , Reference, Comparator, Shutdown, 8-Pin Package
		LT1120CN8	8-Pin PDIP	36	4 to 30	I	
		LT1120CH	8-Pin TO-5	36	4 to 30	I	
LT1120ACN8	8-Pin PDIP	36	4 to 30		Dropout Voltage = 0.4V, 20µA I _Q , Reference, Comparator, Shutdown, 8-Pin Package		
LT1120ACS8	8-Pin PDIP	36	4 to 30				
100mA	Pos Adj	LT1431CJ8	8-Pin CERPDP	36	2.5 to 36	M	0.4% Initial Tolerance, 1% Over Temperature
		LT1431CN8	8-Pin PDIP	36	2.5 to 36	I	
		LT1431CS8	8-Pin Plastic SO	36	2.5 to 36	I	
		LT1431CZ	TO-92	36	2.5 to 36	I	
20mA to 100mA	Switched Capacitor	LT1026CJ8	8-Pin CERPDP	10	*	M	Dual Voltage Converter, 10mA Output, 5V _{IN} , ±10V _{OUT}
		LT1026CN8	8-Pin PDIP	10	*		
		LT1026CH	8-Pin TO-5 Can	10	*	M	
		LT1026CS8	8-Pin SO	10	*		
		LTC1044CJ8	8-Pin CERPDP	9.5	*	M	Voltage Converter, 20mA Output
		LTC1044CN8	8-Pin PDIP	9.5	*		
		LTC1044CH	8-Pin TO-5 Can	9.5	*	M	
		LTC1044CS8	8-Pin Plastic SO	9.5	*		
		LTC1044ACN8	8-Pin PDIP	13	*	I	
		LTC1044ACS8	8-Pin Plastic SO	13	*	I	
		LTC1046CN8	8-Pin PDIP	6	*	I	50mA Output Current, 165µA Supply Current, 35Ω Max Output Impedance
		LTC1046CS8	8-Pin Plastic SO	6	*	I	
		LT1054CJ8	8-Pin CERPDP	16	†	M	Voltage Converter and Regulator, 100mA Output, 25kHz Switching Rate
		LT1054CN8	8-Pin PDIP	16	†	I	
LT1054CH	8-Pin TO-5 Can	16	†	M			
LT1054CS8	8-Pin Plastic SO	16	†				
LTC1144CN8	8-Pin PDIP	20	*	I	Voltage Converter, 20mA Output, Up to 18V Operation		
LTC1144CS8	8-Pin Plastic SO	20	*	I			

* These devices are non-regulating converters.

† The available output voltage range is dependent upon the mode of operation selected.

Selection Guides