

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	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	LT1587GM	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
	Neg Adj	LT1085AT LM350T	TO-220	35	1.2 to 33		Low Dropout (1.2V). Pin Compatible with 317, 350 Types	
		LT350AP LM350P	Plastic TO-3P	35	1.2 to 33			
		LT1085CK	Steel TO-3	30	1.2 to 29	M, I		
	Dual Pos Fixed	LT1085CT	TO-220	30	1.2 to 29	I	Logic Controlled Main Output Voltage, 75mA Auxiliary Output	
		LT1033CK	Steel TO-3	35	-1.2 to -32	M		2% V _{REF} Tol
	Positive	LT1033CP	Plastic TO-3P	35	-1.2 to -32		Low Dropout (0.75V) with Prog Current Limit and Shutdown	
LT1033CT		TO-220	35	-1.2 to -32				
2.5	Switching	LT1185CT	TO-220	35	-2.5 to -25	M, I	Logic Controlled 12V, 3A Output, 5V, 75mA Auxiliary Output	
		LT1035CK	Steel TO-3	20	Two 5V Outputs	M		
	Switching	LT1035CT	TO-220	20	Two 5V Outputs		Logic Controlled 12V, 3A Output, 5V, 75mA Auxiliary Output	
		LT1071CK	Steel TO-3	40	Adjustable	M, I		Self-Contained 40kHz PWM and 2.5A Switch in a 5-Pin Package
	LT1071CT	TO-220	40	Adjustable	I			
	Switching	LT1071HVCK	Steel TO-3	60	Adjustable	M, I	Self-Contained 100kHz PWM and 2.5A Switch in a 5-Pin Package	
		LT1071HVCT	TO-220	60	Adjustable	I		
	2.0	Switching	LT1171CK	Steel TO-3	40	Adjustable	M, I	Self-Contained 100kHz PWM and 2.5A Switch in a 5-Pin Package
			LT1171CT	TO-220	40	Adjustable	I	
		Switching	LT1171HVCK	Steel TO-3	60	Adjustable	M, I	Self-Contained 100kHz PWM and 2.5A Switch in a 5-Pin Package
			LT1171HVCT	TO-220	60	Adjustable	I	
		Switching	LT1171CQ	Plastic DD	40	Adjustable		Self-Contained 100kHz PWM and 2.5A Switch in a 5-Pin Sur Mt Pack
			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	I	Self-Contained 100kHz PWM and 2A Switch	
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	
LT1076HVCY-5			7-Lead TO-220	64	5		Self-Contained 100kHz PWM and 2A Switch in a 7-Pin Sur Mt Pack	
LT1076CR-5	Plastic DD		45	5		Self-Contained 100kHz PWM and 2A Switch in a 7-Pin Package		
LT1076CY	7-Lead TO-220		45	Adjustable		Self-Contained 100kHz PWM and 2A Switch in a 7-Pin Package		
LT1076HVCY	7-Lead TO-220	64	Adjustable		Self-Contained 100kHz PWM and 2A Switch in a 7-Pin Package			
1.5	Pos Fixed	LT1103CY	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 Plastic DIP	10	Adjustable		Micropower Switching Regulator Works Down to 2V Input and Produces 5V at 600mA	
	LT1302CS8	8-Pin Plastic SOIC	10	Adjustable				
	Switching	LT1302CN8-5	8-Pin Plastic DIP	5	5		Micropower Switching Regulator Works Down to 2V Input and Produces 5V at 600mA	
		LT1302CS8-5	8-Pin Plastic SOIC	5	5			
	Pos Fixed	LT1086CT-2.85	TO-220	30	2.85		Intended for SCSI-2 Active Termination	
		LT1372CN8	8-Pin Plastic DIP	30	Adjustable		Self-Contained 500kHz PWM and 1.5A Switch in a 8-Pin Package	
		LT1372CS8	8-Pin Plastic SOIC	30	Adjustable			
	0.5 to 1.5	Pos Fixed	LT1372CN8-12	8-Pin Plastic DIP	30	12		Self-Contained 500kHz PWM and 1.5A Switch in a 8-Pin Package
			LT1372CS8-12	8-Pin Plastic SOIC	30	12		
		Pos Fixed	LT1086CT-3.3	TO-220	30	3.3		Low Dropout (1.2V), 1% V _{OUT} Tol
			LT1086CM-3.3	Plastic DD	30	3.3		
			LT1086CT-3.6	TO-220	30	3.6		
		Pos Fixed	LT1086CM-3.6	Plastic DD	30	3.6		Low Dropout (1.2V), 1% V _{OUT} Tol
LT1086CK-5			Steel TO-3	30	5	M, I		
LT1086CT-5			TO-220	30	5	I		
Pos Fixed		LT1086CK-12	Steel TO-3	30	12	M, I	Low Dropout (1.2V), 1% V _{OUT} Tol	
		LT1086CT-12	TO-220	30	12	I		
		LT1086CM	Plastic DD	30	1.2 to 29			Low Dropout (1.2V), 1% V _{REF} Tol Pin-Compatible with 317 Types
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			
Pos Adj	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			
Pos Adj	LT1086CM	Plastic DD	30	1.2 to 29		Low Dropout (1.2V), 1% V _{REF} Tol 3-Pin Surface Mount Package		
	LT337AK LM337K	Steel TO-3	40	-1.2 to -37	M			
	LT337AH LM337H	TO-39	40	-1.2 to -37	M			
Neg Adj	LT337AT LM337H	TO-220	40	-1.2 to -37		LT337A Has 1% V _{REF} Tol		
	LT317AHVK LM317HVK	Steel TO-3	60	1.2 to 57	M			
	LT317AHVH LM317HVH	TO-39	60	1.2 to 57	M			
Pos Adj	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	I		