

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		Low Dropout, Fast Transient Response for Microprocessor Applications	
		LT1584CT-3.45	Plastic TO-220	7	3.45		Low Dropout, Fast Transient Response for Microprocessor Applications	
		LT1584CT-3.6	Plastic TO-220	7	3.3		Low Dropout, Fast Transient Response for Microprocessor Applications	
	Pos Adj	LT1584CT	Plastic TO-220	7	Adjustable		Low Dropout, Fast Transient Response for Microprocessor Applications	
5.0	Pos Fixed	LT1003CK	Steel TO-3	20	5	M	2% V _{OUT} Tol	
		LT1003CP	Plastic TO-3P	20	5			
	Pos Adj	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			
		LT1084CT-12	TO-220	30	12			
	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				
	Switching	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		Low Dropout (1.2V) with Kelvin Sense	
		LT1087CT	TO-220	30	1.2 to 29			
		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	Self-Contained 100kHz PWM and 5A Switch in a 5-Pin Package	
		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		
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		
LT1074HVCK		Steel TO-3	64	Adjustable	I	Self-Contained 100kHz PWM and 5A Switch in a 5-Pin Package		
LT1074HVCT	TO-220	64	Adjustable	I				
LT1074HVCT	7-Lead TO-220	64	Adjustable		Self-Contained 100kHz PWM and 5A Switch in a 7-Pin Package			
LT1170CK	Steel TO-3	40	Adjustable	M	Self-Contained 100kHz PWM and 5A Switch in a 5-Pin Package			
LT1170CQ	Plastic DD	30	Adjustable		Self-Contained 100kHz PWM and 5A Switch in a 5-Pin Package			
LT1170CT	TO-220	40	Adjustable	I	Self-Contained 100kHz PWM and 5A Switch in a 5-Pin Package			
LT1170HVCT	TO-220	60	Adjustable		Self-Contained 100kHz PWM and 5A Switch in a 5-Pin Package			
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		Low Dropout, Fast Transient Response for Microprocessor Applications		
	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			
	Switching	LT1585CM-3.6	Plastic DD	7	3.6		Low Dropout, Fast Transient Response for Microprocessor Applications	
		LT1585CT-3.6	Plastic TO-220	7	3.6			
		LT1269CQ	Plastic DD	30	Adjustable			Self-Contained 100kHz PWM and 4A Switch in 5-Pin Package
		LT1269CT	TO-220	30	Adjustable			
LT1269CS	20-Lead SOIC	30	Adjustable		Self-Contained 100kHz PWM and 4A Switch in 20-Lead SOIC 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-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		Low Dropout, Fast Transient Response for Microprocessor Applications	
		LT1587CT-3.45	Plastic TO-220	7	3.45			
		LT1587CM-3.6	Plastic DD	7	3.3		Low Dropout, Fast Transient Response for Microprocessor Applications	
		LT1587CT-3.6	Plastic TO-220	7	3.3			
		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					

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