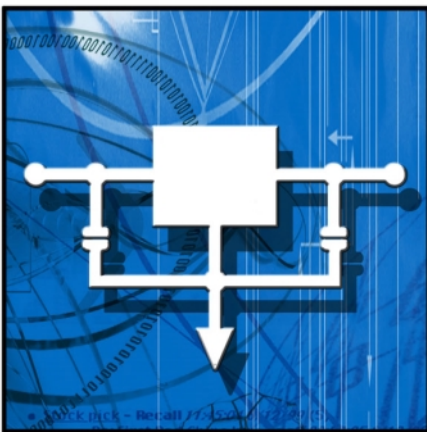
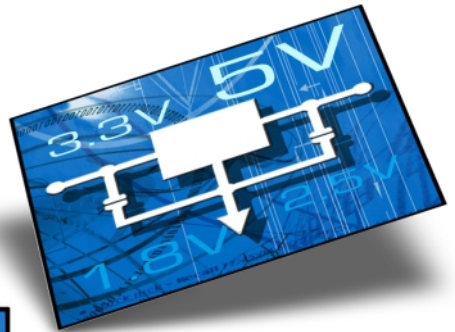


Voltage Regulators & Voltage References



Selection Guide

STMicroelectronics
More Intelligent Solutions





STANDARD POSITIVE

I _o max (A)	P / N	REGULATED OUTPUT VOLTAGE																V _{OUT} TOL+%	PACKAGE
		3.3	3.5	5	5.2	6	7.5	8	8.5	9	10	12	15	18	20	24			
5	LM138K*																4	TO-3	
	LM238K◇																4	TO-3	
	LM338K																4	TO-3	
	LM150K*	1.2V - ADJUSTABLE - 32V																4	TO-3
	LM250K◇	1.2V - ADJUSTABLE - 32V																4	TO-3
	LM350K	1.2V - ADJUSTABLE - 32V																4	TO-3
3	LM123K*					●											6	TO-3	
	LM223K◇					●											6	TO-3	
	LM323K					●											4	TO-3	
	LM323T					●											4	TO-220	
2	L78S00CV					●		●		●	●	●	●	●		●	4	TO-220	
	L78S00CT					●		●		●	●	●	●	●		●	4	TO-3	
	L78S00T*					●		●		●	●	●	●	●		●	4	TO-3	
1.5	LM117K*	1.2V - ADJUSTABLE - 32V																4	TO-3
	LM217K◇	1.2V - ADJUSTABLE - 32V																4	TO-3
	LM317K	1.2V - ADJUSTABLE - 32V																4	TO-3
	LM217T◇	1.2V - ADJUSTABLE - 32V																4	TO-220
	LM217D2T◇	1.2V - ADJUSTABLE - 32V																4	D ² PAK
	LM217D2T-TR◇	1.2V - ADJUSTABLE - 32V																4	D ² PAK (T&R)
	LM317T	1.2V - ADJUSTABLE - 32V																4	TO-220
	LM317D2T	1.2V - ADJUSTABLE - 32V																4	D ² PAK
	LM317D2T-TR	1.2V - ADJUSTABLE - 32V																4	D ² PAK (T&R)
	LM317P	1.2V - ADJUSTABLE - 32V																4	TO-220FP
	L7800CV					●	●	●		●	●	●	●	●	●	●	●	4	TO-220
L7800ACV					●		●		●		●	●	●	●	●	2	TO-220		
L7800ABV†					●		●		●		●	●	●	●	●	2	TO-220		
L7800CD2T					●		●		●		●	●	●	●	●	4	D ² PAK		
L7800CD2T-TR					●		●		●		●	●	●	●	●	4	D ² PAK (T&R)		
L7800ACD2T					●		●		●		●	●	●	○		2	D ² PAK		
L7800ACD2T-TR					●		●		●		●	●	●	○		2	D ² PAK (T&R)		
L7800ABD2T†					●		●		●		●	●	●	○		2	D ² PAK		
L7800ABD2T-TR†					●		●		●		●	●	●	○		2	D ² PAK (T&R)		

1.5	L7800ABP							●											○		●												2	TO-220FP
	L7800ACP							●												●		●											2	TO-220FP
	L7800CP							●		●		●		●		●		●	●	●	●		●										4	TO-220FP
	L7800CT							●	●	●		●	●	●		●		●	●	●	●		●	●	●								4	TO-3
	L7800T*							●		●		●	●	●		●		●	●	●	●		●	●	●								4	TO-3
	LM217MDT◇	1.2V - ADJUSTABLE - 37V																											4	DPAK				
LM217MDT-TR◇	1.2V - ADJUSTABLE - 37V																											4	DPAK (T&R)					
LM217MT◇	1.2V - ADJUSTABLE - 37V																											4	TO-220					
LM317MDT	1.2V - ADJUSTABLE - 37V																											4	DPAK					
LM317MDT-TR	1.2V - ADJUSTABLE - 37V																											4	DPAK (T&R)					
LM317MT	1.2V - ADJUSTABLE - 37V																											4	TO-220					
0.5	L78M00ABV†							●		●		●	●	●	●	●	●	●	●	●												2	TO-220	
	L78M00CV							●		●		●	●	●	●	●	●	●	●	●	●												4	TO-220
	L78M00CP							●		●		●	●	●	●	●	●	●	●	●	●												4	TO-220FP
	L78M00CDT							●		●		●	●	●	●	●	●	●	●	●	●												4	DPAK
	L78M00CDT-TR							●		●		●	○	●	●	○	●	●	●	●	●												4	DPAK (T&R)
	L78M00ABDT†							●		●		●	●	●	●	●	●	●	●	●	●												2	DPAK
	L78M00ABDT-TR†							●		●		●	○	●	●	○	●	○	○	○	○												2	DPAK (T&R)
	L78M00ACDT							●		●		●	●	●	●	●	●	●	●	●	●												2	DPAK
L78M00ACDT-TR							●		●		●	○	●	○	○	○	○	○	○	○												2	DPAK (T&R)	
0.15	LM723CD®	1.2V - ADJUSTABLE - 37V																											3	SO-14				
	LM723CN®	1.2V - ADJUSTABLE - 37V																											3	DIP-14				
	LM723N*	1.2V - ADJUSTABLE - 37V																											3	DIP-14				
0.1	L78L00CD							●		●		●	●	●	●	●	●	●	●	●												8	SO-8	
	L78L00CD13TR							○		●		○	●		●		○	●		○												8	SO-8 (T&R)	
	L78L00ACD							●		●		●	●	●	●	●	●	●	●	●												4	SO-8	
	L78L00ACD13TR							●		●		●	●	●	●	●	○	○	○	○												4	SO-8 (T&R)	
	L78L00ABD†							●		●		●	●	●	●	●	○	●	●	●												4	SO-8	
	L78L00ABD13TR†							○		●		●	●	●	●	○	○	○	○	○												4	SO-8 (T&R)	
	L78L00CZ							○		●		○	○	○	○	○	○	○	○	○												8	TO-92	
	L78L00ACZ							●		●		●	●	●	●	●	○	○	○	○												4	TO-92	
	L78L00ACZ - AP							●		●		●	●	●	●	●	○	○	○	○												4	TO-92 (AMMOPACK)	
	L78L00ACZTR							○		●		○	○	○	○	○	○	○	○	○												4	TO-92 (T&R)	
	L78L00ABZ†							●		●		●	●	●	●	●	○	○	○	○												4	TO-92	
	L78L00ABZ-AP†							●		●		○	○	○	○	○	○	○	○	○												4	TO-92 (AMMOPACK)	
	L78L00ABZTR†							○		●		○	○	○	○	○	○	○	○	○												4	TO-92 (T&R)	
	L78L00ABUTR†							●		●		●	●	●	●	●	○	○	○	○												4	SOT-89 (T&R)	
L78L00ACUTR							●		●		●	●	●	●	●	○	○	○	○												4	SOT-89 (T&R)		



STANDARD POSITIVE contd.

$I_{o \text{ max}}$ (A)	P / N	REGULATED OUTPUT VOLTAGE																V_{OUT} TOL+%	PACKAGE
						3.3	3.5	5	5.2	6	7.5	8	8.5	9	10	12	15		
0.1	LM217LD \diamond	1.2V - ADJUSTABLE - 37V																4	SO-8
	LM217LD13TR \diamond																	4	SO-8 (T&R)
	LM217LZ \diamond																	4	TO-92
	LM217LZ-AP																	4	TO-92 (AMMOPACK)
	LM217LZ-TR																	4	TO-92 (T&R)
	LM317LD																	4	SO-8
	LM317LD13TR																	4	SO-8 (T&R)
	LM317LZ																	4	TO-92
	LM317LZ - AP																	4	TO-92 (AMMOPACK)
	LM317LZ - TR																	4	TO-92 (T&R)



STANDARD NEGATIVE

$I_{o \text{ max}}$ (A)	P / N	REGULATED OUTPUT VOLTAGE																V_{OUT} TOL+%	PACKAGE				
						5	5.2	6	7.5	8	8.5	9	12	15	18	20	22			24			
1.5	LM137K*	1.2V - ADJUSTABLE - 32V																4	TO-3				
	LM237K \diamond																	4	TO-3				
	LM337K																	4	TO-3				
	LM237SP \diamond																	4	TO-220				
	LM337SP																	4	TO-220				
	L7900CV					●	●	●		●			●	●	●	●	●				4	TO-220	
	L7900CD2T					●	○	●		●			●	●	○	○	○	●				4	D ² PAK
	L7900CD2T-TR					●	○	○		●			●	○	○	○	○	○				4	D ² PAK (T&R)
	L7900ACV					●	●	●		●			●	●	●	○	●					2	TO-220
	L7900ACD2T					●	○	○		●			●	○	○	○	○	○				2	D ² PAK
	L7900ACD2T-TR					●	○	○		●			●	○	○	○	○	○				2	D ² PAK (T&R)
	L7900CT					●	●	●		●			●	●	●	●	●					4	TO-3
	L7900CP					●	○	○		○			●	○	○	○	○	○				4	TO-220FP

0.1	L79L00CD							●		○																									8	SO-8
	L79L00CD13TR							○		○																								8	SO-8 (T&R)	
	L79L00ABD†							●		○																								4	SO-8	
	L79L00ABD13TR†							●		○																								4	SO-8 (T&R)	
	L79L00ABUTR†							●		●		●		●		●		●																4	SOT-89 (T&R)	
	L79L00ACUTR							●		●		●		●		●		●																4	SOT-89 (T&R)	
	L79L00ABZ†							●		●		○				○		●		○														4	TO-92	
	L79L00ABZ-AP†							●		○		○				○		○		○															4	TO-92 (AMMOPACK)
	L79L00ABZ-TR†							●		○		○				○		○		○															4	TO-92 (T&R)
	L79L00ACD							●		●		●		●		●		●		●															4	SO-8
	L79L00ACD13TR							●		○		○				○		○		○															4	SO-8 (T&R)
	L79L00ACZ							●		○		●		●		●		●		●															4	TO-92
L79L00ACZ-AP							●		○		●		○		○		○		○															4	TO-92 (AMMOPACK)	
L79L00ACZ-TR							●		○		●		○		○		○		○															4	TO-92 (T&R)	



HIGH CURRENT LOW DROP POSITIVE

I_o max (A)	P / N	REGULATED OUTPUT VOLTAGE															V_{OUT} TOL+%	V_d (V)	I_q (mA)	PACKAGE																	
		1.25	1.5	1.8	2	2.5	2.7	2.85	3	3.2	3.3	3.5	3.6	4	4.7	5					5.2	5.5	6	8	8.5	8.7	9	10	12								
5	LD1585CD2M																1	1.2	5	D ² PAK/A																	
	LD1585CD2M-R																1	1.2	5	D ² PAK/A (T&R)																	
	LD1585CD2T	ADJUSTABLE FROM 1.25V TO 28V															1	1.2	5	D ² PAK																	
	LD1585CD2T-R																1	1.2	5	D ² PAK (T&R)																	
	LD1585CV																1	1.2	5	TO-220																	
	LD1585CD2M00	●	●			●					●		●							●														1	1.2	5	D ² PAK/A
	LD1585CD2M00R	●	●			●					●		●							●													1	1.2	5	D ² PAK/A (T&R)	
	LD1585CD2T00	●	●			●					●		●							●													1	1.2	5	D ² PAK	
	LD1585CD2T00R	●	●			●					●		●							●													1	1.2	5	D ² PAK (T&R)	
	LD1585CV00	●	●			●					●		●							●													1	1.2	5	TO-220	
	KD1084D2M†																2	1.3	5	D ² PAK/A																	
	KD1084D2M-R†																2	1.3	5	D ² PAK/A (T&R)																	
KD1084D2T†	ADJUSTABLE FROM 1.25V TO 15V															2	1.3	5	D ² PAK																		
KD1084D2T-R†																2	1.3	5	D ² PAK (T&R)																		
KD1084DT†																2	1.3	5	DPAK																		



HIGH CURRENT LOW DROP POSITIVE contd.

I _o max (A)	P / N	REGULATED OUTPUT VOLTAGE												V _{OUT} TOL+%	V _d (V)	I _q (mA)	PACKAGE											
		1.25	1.5	1.8	2	2.5	2.7	2.85	3	3.2	3.3	3.5	3.6					4	4.7	5	5.2	5.5	6	8	8.5	8.7	9	10
5	KD1084DT-R [†]	ADJUSTABLE FROM 1.25V TO 15V																						2	1.3	5	DPAK (T&R)	
	KD1084V [†]	ADJUSTABLE FROM 1.25V TO 15V																						2	1.3	5	TO-220	
	KD1084D2M00 [†]		●	●		●		○	●		○	○			●						○		○	○	2	1.3	5	D ² PAK/A
	KD1084D2M00R [†]		●	●		●		○	●		○	○			●						○		○	○	2	1.3	5	D ² PAK/A (T&R)
	KD1084D2T00 [†]		●	●		●		○	●		○	○			●						○		○	○	2	1.3	5	D ² PAK
	KD1084D2T00R [†]		●	●		●		○	●		○	○			●						○		○	○	2	1.3	5	D ² PAK (T&R)
	KD1084DT00 [†]		●	●		●		○	●		●	○			○						○		○	○	2	1.3	5	DPAK
	KD1084DT00R [†]		●	●		●		○	●		○	○			○						○		○	○	2	1.3	5	DPAK (T&R)
	KD1084V00 [†]		●	●		●		○	●		●	○			●						○		○	○	2	1.3	5	TO-220
	KD1084AD2M [†]	ADJUSTABLE FROM 1.25V TO 15V																						1	1.3	5	D ² PAK/A	
	KD1084AD2M-R [†]	ADJUSTABLE FROM 1.25V TO 15V																						1	1.3	5	D ² PAK/A (T&R)	
	KD1084AD2T [†]	ADJUSTABLE FROM 1.25V TO 15V																						1	1.3	5	D ² PAK	
	KD1084AD2T-R [†]	ADJUSTABLE FROM 1.25V TO 15V																						1	1.3	5	D ² PAK (T&R)	
	KD1084ADT [†]	ADJUSTABLE FROM 1.25V TO 15V																						1	1.3	5	DPAK	
	KD1084ADT-R [†]	ADJUSTABLE FROM 1.25V TO 15V																						1	1.3	5	DPAK (T&R)	
	KD1084AV [†]	ADJUSTABLE FROM 1.25V TO 15V																						1	1.3	5	TO-220	
	KD1084AD2M00 [†]		●	●		●		○			●	○			○						○		○	○	1	1.3	5	D ² PAK/A
	KD1084AD2M00R [†]		●	●		●		○			●	○			○						○		○	○	1	1.3	5	D ² PAK/A (T&R)
	KD1084AD2T00 [†]		●	●		●		○			●	○			○						○		○	○	1	1.3	5	D ² PAK
	KD1084AD2T00R [†]		●	●		●		○			●	○			○						○		○	○	1	1.3	5	D ² PAK (T&R)
	KD1084ADT00 [†]		●	●		●		○			●	○			○						○		○	○	1	1.3	5	DPAK
	KD1084ADT00R [†]		●	●		●		○			●	○			○						○		○	○	1	1.3	5	DPAK (T&R)
	KD1084AV00 [†]		●	●		●		○			●	○			○						○		○	○	1	1.3	5	TO-220
	LD1084D2M [†]	ADJUSTABLE FROM 1.25V TO 28V																						1	1.3	5	D ² PAK/A	
	LD1084D2M-R [†]	ADJUSTABLE FROM 1.25V TO 28V																						1	1.3	5	D ² PAK/A (T&R)	
	LD1084D2T [†]	ADJUSTABLE FROM 1.25V TO 28V																						1	1.3	5	D ² PAK	
	LD1084D2T-R [†]	ADJUSTABLE FROM 1.25V TO 28V																						1	1.3	5	D ² PAK (T&R)	
	LD1084V [†]	ADJUSTABLE FROM 1.25V TO 28V																						1	1.3	5	TO-220	
LD1084D2M00 [†]		●	●		●		●			●	●			●						●		●	●	1	1.3	5	D ² PAK/A	
LD1084D2M00R [†]		●	●		●		●			●	●			●						●		●	●	1	1.3	5	D ² PAK/A (T&R)	
LD1084D2T00 [†]		●	●		●		●			●	●			●						●		●	●	1	1.3	5	D ² PAK	
LD1084D2T00R [†]		●	●		●		●			●	●			●						●		●	●	1	1.3	5	D ² PAK (T&R)	
LD1084V00 [†]		●	●		●		●			●	●			●						●		●	●	1	1.3	5	TO-220	

3	LD1085D2M [†]	ADJUSTABLE FROM 1.25V TO 28V															1	1.3	5	D ² PAK/A	
	LD1085D2M-R [†]																1	1.3	5	D ² PAK/A (T&R)	
	LD1085D2T [†]																1	1.3	5	D ² PAK	
	LD1085D2T-R [†]																1	1.3	5	D ² PAK (T&R)	
	LD1085V [†]																1	1.3	5	TO-220	
	LD1085CDT [†]																2	1.3	5	DPAK	
	LD1085CDT-R [†]																2	1.3	5	DPAK (T&R)	
	LD1085CDT00 [†]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	2	1.3	5	DPAK		
	LD1085CDT00R [†]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	2	1.3	5	DPAK (T&R)		
	LD1085D2M00 [†]															1	1.3	5	D ² PAK/A		
	LD1085D2M00R [†]															1	1.3	5	D ² PAK/A (T&R)		
	LD1085D2T00 [†]															1	1.3	5	D ² PAK		
	LD1085D2T00R [†]															1	1.3	5	D ² PAK (T&R)		
	LD1085V00 [†]	<input type="radio"/>														1	1.3	5	TO-220		
	1.5	LD1086D2M [†]	ADJUSTABLE FROM 1.25V TO 28V															1	1.3	5	D ² PAK/A
		LD1086D2MTR [†]																1	1.3	5	D ² PAK/A (T&R)
LD1086D2T [†]		1																1.3	5	D ² PAK	
LD1086D2TTR [†]		1																1.3	5	D ² PAK (T&R)	
LD1086DT [†]		1																1.3	5	DPAK	
LD1086DTTR [†]		1																1.3	5	DPAK (T&R)	
LD1086V [†]		1																1.3	5	TO-220	
LD1086D2M00 [†]																1	1.3	5	D ² PAK/A		
LD1086D2M00TR [†]																1	1.3	5	D ² PAK/A (T&R)		
LD1086D2T00 [†]																1	1.3	5	D ² PAK		
LD1086D2T00TR [†]																1	1.3	5	D ² PAK (T&R)		
LD1086DT00 [†]																1	1.3	5	DPAK (T&R)		
LD1086DT00TR [†]																1	1.3	5	DPAK		
LD1086V00 [†]																1	1.3	5	TO-220		
L4940D2T00 [®]																2	0.5	5	D ² PAK		
L4940D2T00-TR [®]															2	0.5	5	D ² PAK (T&R)			
L4940V00 [®]															2	0.5	5	TO-220			
L4940P00															2	0.5	5	TO-220FP			
1.0	L4941BP [®]															4	0.45	4	TO-220FP		
	L4941BV [®]															4	0.45	4	TO-220		
	L4941BDT [®]															4	0.45	4	DPAK		
	L4941BDT-TR [®]															4	0.45	4	DPAK (T&R)		
	L4941D2T [®]															4	0.45	4	D ² PAK		
	LD1117ADTR	ADJUSTABLE FROM 1.25V TO 15V															2	1.15	5	DPAK (T&R)	
	LD1117ASTR																2	1.15	5	SOT-223 (T&R)	
LD1117ADT00TR															2	1.15	5	DPAK (T&R)			
LD1117AST00TR															2	1.15	5	SOT-223 (T&R)			



LOW DROP POSITIVE

$I_{o \text{ max}}$ (A)	P / N	REGULATED OUTPUT VOLTAGE														V_{OUT} TOL+%	V_d (V)	I_q (mA)	PACKAGE											
		1.25	1.5	1.8	2	2.5	2.7	2.85	3	3.1	3.2	3.3	3.6	4	4.7					5	5.2	5.5	6	8	8.5	8.7	9	10	12	
0.8	LD1117V	ADJUSTABLE FROM 1.25V TO 15V																								1	1.1	5	TO-220	
	LD1117D	ADJUSTABLE FROM 1.25V TO 15V																								1	1.1	5	SO-8	
	LD1117DTR	ADJUSTABLE FROM 1.25V TO 15V																								1	1.1	5	SO-8 (T&R)	
	LD1117DT	ADJUSTABLE FROM 1.25V TO 15V																								1	1.1	5	DPAK	
	LD1117DTTR	ADJUSTABLE FROM 1.25V TO 15V																								1	1.1	5	DPAK (T&R)	
	LD1117S	ADJUSTABLE FROM 1.25V TO 15V																								1	1.1	5	SOT-223	
	LD1117STR	ADJUSTABLE FROM 1.25V TO 15V																								1	1.1	5	SOT-223 (T&R)	
	LD1117V00			●		●		●	●			●				●											1	1.1	5	TO-220
	LD1117V00C			●		●		●	●			●				●											2	1.1	5	TO-220
	LD1117D00			●		●		●	●			●				●											1	1.1	5	SO-8
	LD1117D00C					●						●				●											2	1.1	5	SO-8
	LD1117D00TR					●		●	○			●				●											1	1.1	5	SO-8 (T&R)
	LD1117D00CTR					●			○			●				●											2	1.1	5	SO-8 (T&R)
	LD1117DT00					●		●	●			●				●											1	1.1	5	DPAK
	LD1117DT00C					●			●			●				●											2	1.1	5	DPAK
	LD1117DT00TR					●		●	●			●				●											1	1.1	5	DPAK (T&R)
	LD1117DT00CTR					●			●			●				●											2	1.1	5	DPAK (T&R)
	LD1117S00			●		●		●	●			●				●											1	1.1	5	SOT-223 (T&R)
	LD1117S00C					●			●			●				●											2	1.1	5	SOT-223
LD1117S00TR			●		●		●	●			●				●											1	1.1	5	SOT-223 (T&R)	
LD1117S00CTR					●			●			●				●											2	1.1	5	SOT-223 (T&R)	

$I_{o \text{ max}}$ (A)	P / N	REGULATED OUTPUT VOLTAGE														V_{OUT} TOL+%	V_d (V)	I_q (mA)	PACKAGE												
		1.25	1.5	1.8	2.5	2.7	2.8	3	3.1	3.2	3.3	3.5	3.6	4	4.5					4.7	4.75	5	5.2	5.5	6	8	8.5	8.7	9	12	
0.5	LF00ABDT [†]	○	●	●	●	○		●			●	●	●	○		○	●	●	●	●	●	●	●	●	●	●	●	1	0.45	0.5	DPAK
	LF00CDT [†]	○	●	●	●	●		●			●	●	●	○		●	●	●	●	●	●	●	●	●	●	●	●	2	0.45	0.5	DPAK
	LF00ABDT-TR [†]	○	●	●	●	○		●			●	●	●	○	○	○	○	●	●	●	●	●	●	●	●	●	●	1	0.45	0.5	DPAK (T&R)
	LF00CDT-TR [†]	○	●	●	●	○		○			●	●	●	○	○	○	○	●	●	●	●	●	●	●	●	●	●	2	0.45	0.5	DPAK (T&R)
	LF00ABPT [∇]	○	○	○	●			●			●	○			○	○	○	●	●	○	○	●	●	●	●	●	●	1	0.45	0.5	PPAK
	LF00CPT [∇]	○	○	○	●	●			●			●	○			○	○	○	●	○	○	●	●	●	●	●	●	2	0.45	0.5	PPAK
	LF00ABPT-TR [∇]	○	○	○	●	○		○			●	○			○	○	○	○	○	○	○	○	○	○	○	○	○	1	0.45	0.5	PPAK (T&R)

0.5	LF00CPT-TR [▽] †	○	○	○	●	○		○			●	●		●	○		○	●	●	○	●	●	●		●	●	2	0.45	0.5	PPAK (T&R)
	LF00ABV5V [▽] †	○	○	●	○	○		○			●	○		○	○		○	●	○	○	●	●	●		●	○	1	0.45	0.5	PENTAWATT
	LF00CV5V [▽] †	○	○	○	○	○		○			●	○		○	○		○	○	○	○	○	●		○	●	2	0.45	0.5	PENTAWATT	
	LF00ABP [†]	○	○	○	○	○		○			○	○		○	○		○	○	○	○	○	○	●		○	●	1	0.45	0.5	TO-220FP
	LF00CP [†]	○	○	○	○	○		○			○	○		○	○		○	○	○	○	○	○	●		○	●	2	0.45	0.5	TO-220FP
	LF00ABV [†]	○	○	●	●	●		○			●	●		○	●		○	●	●	○	●	●	●		●	●	1	0.45	0.5	TO-220
	LF00CV [†]	○	○	●	●	●		○			●	●		○	●		○	●	●	○	●	●	●		●	●	2	0.45	0.5	TO-220
0.5	KF00BD [▽] †	●	●		●	●		○			●	●		○	●		○	●	●	○	●	●			●		2	0.4	0.5	SO-8
	KF00BD -TR [▽] †	○	○		○	○		○			○	○		○	○		○	○	○	○	○	○			○		2	0.4	0.5	SO-8 (T&R)
	KF00BDT [†]	●	●		●	●		○			●	●		○	○		○	○	○	○	○	○			○		2	0.4	0.5	DPAK
	KF00BDT-TR [†]	●	●		●	●		○			●	○		○	○		○	○	○	○	○	○			○		2	0.4	0.5	DPAK (T&R)
0.25	L4931ABD00 [▽] †	○	○	○	●	●		○			●	●		○	○		○	○	○	○	○	○			○		1	0.4	0.6	SO-8
	L4931CD00 [▽] †	○	○	○	●	●		○			●	○		○	○		○	○	○	○	○	○			○		2	0.4	0.6	SO-8
	L4931ABD00-TR [▽] †	○	○	○	○	○		○			○	○			○		○	○	○	○	○	○			○		1	0.4	0.6	SO-8 (T&R)
	L4931CD00-TR [▽] †	○	○	○	○	○		○			○	○			○		○	○	○	○	○	○			○		2	0.4	0.6	SO-8 (T&R)
	L4931ABDT00 [†]	○	○	○	○	○		○			○	○			○		○	○	○	○	○	○			○		1	0.4	0.6	DPAK
	L4931CDT00 [†]	○	○	○	○	○		○			○	○			○		○	○	○	○	○	○			○		2	0.4	0.6	DPAK
	L4931ABDT00-TR [†]	○	○	○	○	○		○			○	○			○		○	○	○	○	○	○			○		1	0.4	0.6	DPAK (T&R)
	L4931CDT00-TR [†]	○	○	○	○	○		○			○	○			○		○	○	○	○	○	○			○		2	0.4	0.6	DPAK (T&R)
	L4931ABPT00 [▽] †	○	○		○	○		○			○	○			○		○	○	○	○	○	○			○		1	0.4	0.6	PPAK
	L4931CPT00 [▽] †	○	○		○	○		○			○	○			○		○	○	○	○	○	○			○		2	0.4	0.6	PPAK
	L4931ABPT00-TR [▽] †	○	○		○	○		○			○	○			○		○	○	○	○	○	○			○		1	0.4	0.6	PPAK (T&R)
	L4931CPT00-TR [▽] †	○	○		○	○		○			○	○			○		○	○	○	○	○	○			○		2	0.4	0.6	PPAK (T&R)
	L4931ABV00 [†]	○	○		○	○		○			○	○			○		○	○	○	○	○	○			○		1	0.4	0.6	TO-220
	L4931CV00 [†]	○	○		○	○		○			○	○			○		○	○	○	○	○	○			○		2	0.4	0.6	TO-220
L4931CZ00 [†]	○	○		○	○		○			○	○			○		○	○	○	○	○	○			○		2	0.4	0.6	TO-92	
L4931ABZ00 [†]	○	○		○	○		○			○	○			○		○	○	○	○	○	○			○		1	0.4	0.6	TO-92	
L4931CZ00-AP [†]	○	○		○	○		○			○	○			○		○	○	○	○	○	○			○		2	0.4	0.6	TO-92 (AP)	
L4931ABZ00-AP [†]	○	○		○	○		○			○	○			○		○	○	○	○	○	○			○		1	0.4	0.6	TO-92 (AP)	
0.2	L4987CPT00 [▽] † [∅]							○			○													●	○	2	0.4	0.7	PPAK	
	L4987CPT00TR [▽] † [∅]							○			○													●	○	2	0.4	0.7	PPAK (T&R)	
0.15	LD2985AM00R [▽] †			○		○		○		○		○		○		○		○		○		○				1	0.28	80μA	SOT23-5L (T&R)	
	LD2985BM00R [▽] †			○		○		○		○		○		○		○		○		○		○				2	0.28	80μA	SOT23-5L (T&R)	



LOW DROP POSITIVE contd.

I _o max (A)	P / N	REGULATED OUTPUT VOLTAGE																V _{out} TOL+%	V _d (V)	I _q	PACKAGE											
		1.25	1.5	1.8	2	2.5	2.6	2.7	2.8	2.85	3	3.1	3.2	3.3	3.5	3.6	3.8					4	4.5	4.7	4.75	4.85	5	5.2	5.5	6	8	12
0.1	LE00ABD [∇] †	●	○			●	●			●			●	●			●	●		●	●	●	●	●	●	●	●	●	1	0.2	0.5mA	SO-8
	LE00CD [∇] †	●	○			●	●			●			●	●			●	●		●	●	●	●	●	●	●	●	●	2	0.2	0.5mA	SO-8
	LE00ABD -TR [∇] †	○	○			○	○			●			●	○			○	○		●	○	○	○	○	○	○	○	○	1	0.2	0.5mA	SO-8 (T&R)
	LE00CD -TR [∇] †	○	○			○	○			●			●	○			○	○		●	○	○	○	○	○	○	○	○	2	0.2	0.5mA	SO-8 (T&R)
	LE00ABZ [†]	○	○			●	●			●			●	●			●	●		●	●	●	●	●	●	●	●	●	1	0.2	0.5mA	TO-92
	LE00CZ [†]	○	○			●	●			●			●	●			●	●		●	●	●	●	●	●	●	●	●	2	0.2	0.5mA	TO-92
	LE00ABZ-AP [†]	○	○			○	●			○			○	○			○	○		○	○	○	○	○	○	○	○	○	1	0.2	0.5mA	TO-92 (AP)
	LE00CZ-AP [†]	○	○			○	○			●			●	○			○	○		●	○	○	○	○	○	○	○	○	2	0.2	0.5mA	TO-92 (AP)
	LE00ABZ-TR [†]	○	○			○	○			○			○	○			○	○		○	○	○	○	○	○	○	○	○	1	0.2	0.5mA	TO-92 (T&R)
	LE00CZ-TR [†]	○	○			○	○			●			○	○			○	○		○	○	○	○	○	○	○	○	○	2	0.2	0.5mA	TO-92 (T&R)
	LK115D00 [∇] †				●	●				●			●	●			●	●		●	●	●	●	○					3	0.2	0.28mA	SO-8
	LK115D00-TR [∇] †				○	●				●			○	○			○	○		○	○	○	○	○	○				3	0.2	0.28mA	SO-8 (T&R)
	LK112M00-TR [∇] †	○	○	●	○	○				○			○	○			○	○		○	○	○	○	○	○	○			2	0.2	0.25mA	SOT23-5L (T&R)
	LK112J00R [∇] †	○	○	○	○	●	○			○			○	○			○	○		○	○	○	○	○	○	○			2	0.2	0.25mA	Flip-Chip
	LD2981ABM00TR [∇] †			●						●	●		●	●			●	○		●	●								0.75	0.2	80μA	SOT23-5L (T&R)
	LD2981CM00TR [∇] †			●						●	●		●	●			●	○		●	●								1.25	0.2	80μA	SOT23-5L (T&R)
	LD2981ABU00TR [∇] †			○						●	●		●	●			●	○		●	●								0.75	0.2	80μA	SOT-89 (T&R)
	LD2981CU00TR [∇] †			○						●	●		●	●			●	○		●	●								1.25	0.2	80μA	SOT-89 (T&R)
	LD2982AM00R [∇] †			●		●		●		●	●	○	●	●	●		●	●		●	●								1	0.12	75μA	SOT23-5L
	LD2982BM00R [∇] †			●		●		●		●	●	○	●	●	●	○	●	○		●	●								2	0.12	75μA	SOT23-5L
	LM2931AD00 [∇] †												●							●									4	0.15	2.5mA	SO-8
	LM2931BD00 [∇] †												●							●									5	0.15	2.5mA	SO-8
	LM2931AD00R [∇] †												●							●									4	0.15	2.5mA	SO-8 (T&R)
	LM2931BD00R [∇] †												●							●									5	0.15	2.5mA	SO-8 (T&R)
	LM2931ADT [†]												●							●									4	0.15	2.5mA	DPAK
	LM2931BDT [†]												●							●									5	0.15	2.5mA	DPAK
	LM2931ADT00R [†]												○							○									4	0.15	2.5mA	DPAK (T&R)
	LM2931BDT00R [†]												○							○									5	0.15	2.5mA	DPAK (T&R)
LM2931AV00 [†]												●							●									4	0.15	2.5mA	TO-220	
LM2931BV00 [†]												●							●									5	0.15	2.5mA	TO-220	
LM2931AZ00 [†]												●							●									4	0.15	2.5mA	TO-92	

0.1	LM2931BZ00†														●											●	5	0.15	2.5mA	TO-92		
	LM2931AZ00R†														○											○	4	0.15	2.5mA	TO-92 (T&R)		
	LM2931BZ00R†														○											○	5	0.15	2.5mA	TO-92 (T&R)		
	LM2931AZ00AP†														●											●	4	0.15	2.5mA	TO-92 (AP)		
	LM2931BZ00AP†														○											○	5	0.15	2.5mA	TO-92 (AP)		
	LM2931D▽†	ADJUSTABLE FROM 2.5V TO 26V																							4	0.15	2.5mA	SO-8				
	LM2931D-R▽†	ADJUSTABLE FROM 2.5V TO 26V																							4	0.15	2.5mA	SO-8(T&R)				
0.05	LD2979Z00◇							○	○	○	●			○															2	0.2	80µA	TO-92
	LD2979M00TR▽◇							●	●	●	●			○															2	0.2	80µA	SOT23-5L
	LD2979Z00TR▽◇							○	○	○	○			○															2	0.2	80µA	TO-92 (T&R)
	LD2979Z00AP◇							○	○	○	○			○															2	0.2	80µA	TO-92 (AP)
	LD2980ABM00TR▽†	●	○					●	●	●	●			●	●											●	●	●	0.5	0.12	65µA	SOT23-5L(T&R)
	LD2980CM00TR▽†	●	●					●	●	●	●			●	●										●	●	●	●	1	0.12	65µA	SOT23-5L(T&R)
	LD2980ABU00TR▽†	○						●	●	●	●			●	○										●	●	●	●	0.5	0.12	65µA	SOT-89(T&R)
	LD2980CU00TR▽†	○						●	●	○	●			●	●										●	○	●	●	1	0.12	65µA	SOT-89(T&R)



SPECIAL FUNCTIONS

DATA STORAGE

P / N	DESCRIPTION	V _{OUT} (V)	V _d (V)	I _{OUT} (A)	I _q (mA)	PACKAGE
ST3L01K7R	TRIPLE VOLTAGE REGULATORS	2.6	1.3	1.2	10	SPAK- 7L ●
		3.3	1.13	1.0		
		8	1.6	0.2		
ST2L01K5R ST2L01PT	DUAL VOLTAGE REGULATORS	3.3 ADJ FROM 1.25 TO 3.0	1.1	1.0	15	SPAK- 7L ● PPAK
ST2L05K5R ST2L05PT	DUAL VOLTAGE REGULATORS	3.3 ADJ FROM 1.25 TO 3.0	1.1	1.0	5	SPAK- 5L ● PPAK
LDR2533PT-R	DUAL VOLTAGE REGULATORS	2.5	0.4	0.5	1.2	PPAK
		3.3	0.45	1		

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● Pin-to-pin compatible with TI and Infinity's PowerFlex

P / N	TRIPLE VOLTAGE REGULATORS - V _{IN} RANGE 1.9 TO 3.3V	I _q (µA)	PACKAGE
ST3M01DTR▽†	THREE REGULATED OUTPUT VOLTAGES: 1) HIGH EFFICIENCY PFM DC-DC CONVERTER 2) LINEAR A, VERY LOW DROP & VERY LOW NOISE (3V AT 20mA) 3) LINEAR B, VERY LOW DROP & VERY LOW NOISE (1.9V AT 20mA)	100 220 75	SO-14 (2500) PARTS PER REEL
ST3M01D▽†			SO-14 (50) PARTS PER TUBE (1000 PARTS PER BULK)



SPECIAL FUNCTIONS contd.

TELECOM

P / N	NETWORK INTERFACE CARD SMART LDO VOLTAGE REGULATORS	PACKAGE
ST1534APT-R	500mA OUTPUT CURRENT	PPAK (T&R)
ST1534AP2T-R	500mA OUTPUT CURRENT	P2PAK (T&R)
ST1534LD-R	250mA OUTPUT CURRENT	SO-8 (T&R)

INDUSTRIAL

P / N	POSITIVE VOLTAGE REGULATOR FOR LEAD BATTERY CHARGER	V _{OUT} TOL%	PACKAGE
PB137ACV	OUTPUT CURRENT 1.5A	1	TO-220

P / N	FORWARD SYNCHRONOUS RECTIFIERS SMART DRIVER	PACKAGE
STSR2DR [®] STSR2N [®]	TWO COMPLEMENTARY DRIVERS FOR HIGH EFFICIENCY FORWARD CONVERTERS	SO-8 (T&R) DIP-8

P / N	LINEAR POST REGULATOR - DRIVER FOR EXTERNAL POWER MOSFET	V _{OUT} TOL%	PACKAGE
LPR30N [®] LPR30D [®] LPR30D-TR [®]	1V - ADJUSTABLE - 50V	1	DIP-8 SO-8 SO-8

AUTOMOTIVE

P / N	AUTOMOTIVE LED DRIVER MODULE IC	PACKAGE
STLC1PD	INTELLIGENT CONTROL AND DRIVE OF LED LIGHT CLUSTERS	PowerSO-20

SET-TOP-BOX

P / N	LNB SUPPLY AND CONTROL VOLTAGE REGULATORS	I _{OUT} (mA)	V _{OUT} TOL%	PACKAGE
LNBP20PD [†] LNBP20CR [†] LNBP10SP [†] LNBP11SP [†] LNBP12SP [†] LNBP13SP [†]	DOUBLE OUTPUT VOLTAGE (13V and 18V)	500	5	PowerSO-20 MULTIWATT15 PowerSO-10 PowerSO-10 PowerSO-10 PowerSO-10 PowerSO-10

LNBP14SP [†] LNBP15SP [†] LNBP16SP [†]	DOUBLE OUTPUT VOLTAGE (13V and 18V)			PowerSO-10 PowerSO-10 PowerSO-10
LNBK20PD [†] LNBK20CR [†] LNBK10SP [†] LNBK11SP [†] LNBK12SP [†] LNBK13SP [†] LNBK14SP [†] LNBK15SP [†] LNBK16SP [†] LNBK20D2 [†]	DOUBLE OUTPUT VOLTAGE (13V and 18V)	400	5	PowerSO-20 MULTIWATT15 PowerSO-10 PowerSO-10 PowerSO-10 PowerSO-10 PowerSO-10 PowerSO-10 SO-20
LNBP21D2-TR [†] LNBP21PD-TR [†]	LNB SUPPLY AND CONTROL IC WITH STEP-UP CONVERTER AND I ² C INTERFACE	500	5	SO-20 PowerSO-20
LNBS21PD-TR [†]	LNB SUPPLY AND CONTROL IC WITH STEP-UP CONVERTER AND I ² C INTERFACE	750	5	PowerSO-20



CHARGE PUMP DC-DC CONVERTERS

I _{o max}	P / N	REGULATED OUTPUT VOLTAGE (V)	V _{OUT} TOL%	I _q (μA)	PACKAGE
30mA	ST662ACN [⊕] ST662ABN [▲] ST662ACD [⊕] ST662ABD [▲] ST662ACD-TR [⊕] ST662ABD-TR [▲]	12	5	100	DIP-8 DIP-8 SO-8 SO-8 SO-8 (T&R) SO-8 (T&R)
30mA V _{I/N} ≤ 3V 20mA V _{I/N} ≤ 2V	ST619LBN [▲] ST619LBD [▲] ST619LBD ^R [▲]	5	5	200	DIP-8 SO-8 SO-8 (T&R)



SWITCHING DC-DC CONVERTERS

I _{o max}	P / N	DESCRIPTION	V _{OUT} TOL%	I _q (μA)	PACKAGE
100mA	ST5R25MTR [□] ST5R28MTR [□] ST5R30MTR [□] ST5R33MTR [□] ST5R50MTR [□]	VFM STEP-UP DC-DC CONVERTER	5	16	SOT23-5L (T&R) SOT23-5L (T&R) SOT23-5L (T&R) SOT23-5L (T&R) SOT23-5L (T&R)



SWITCHING DC-DC CONVERTERS contd.

I_o max	P / N	DESCRIPTION	V_{OUT} TOL%	I_q	PACKAGE
100mA	ST5R25UTR [□] ST5R28UTR [□] ST5R30UTR [□] ST5R33UTR [□] ST5R50UTR [□]	VFM STEP-UP DC-DC CONVERTER	5	16 μ A	SOT-89 (T&R) SOT-89 (T&R) SOT-89 (T&R) SOT-89 (T&R) SOT-89 (T&R)
275mA	ST755CD [▲] ST755CD-TR [▲] ST755CN [▲]	ADJUSTABLE INVERTER ($V_{IN} + V_{OUT} \leq 12.7V$)	5	1.2mA	SO-8 SO-8 (T&R) DIP-8
	ST735CD [◆] ST735CD-TR [◆] ST735CN [◆]	-5V INVERTING, NEGATIVE OUTPUT, CURRENT MODE PWM REGULATOR $F_{OSC}=160kHz$	5	0.8mA	SO-8 SO-8 (T&R) DIP-8
	ST735SCD [◆] ST735SCD-TR [◆] ST735SCN [◆]	-5V INVERTING, NEGATIVE OUTPUT, CURRENT MODE PWM REGULATOR $F_{OSC}=300kHz$	5	0.8mA	SO-8 SO-8 (T&R) DIP-8
450mA	ST730ABD [▲] ST730ABDTR [▲] ST730ABN [▲] ST730ACD [®] ST730ACDTR [®] ST730ACN [®]	FIXED $V_{OUT}=5V$, STEP-DOWN DC-DC CONVERTER CURRENT MODE PWM REGULATOR	5	0.8mA	SO-8 (T&R) DIP-8 SO-8 SO-8 (T&R) DIP-8
	ST750ABD [▲] ST750ABDTR [▲] ST750ABN [▲] ST750ACD [®] ST750ACDTR [®] ST750ACN [®]	ADJUSTABLE, STEP-DOWN DC-DC CONVERTER CURRENT MODE PWM REGULATOR	5	0.8mA	SO-8 SO-8 (T&R) DIP-8 SO-8 SO-8 (T&R) DIP-8
500mA	ST763ABN [▲] ST763ACN [®] ST763ABD [▲] ST763ACD [®] ST763ABDTR [▲] ST763ACDTR [®]	3.3V, STEP-DOWN CURRENT MODE PWM DC-DC CONVERTER	5	0.6mA	DIP-8 DIP-8 SO-8 SO-8 SO-8 (T&R) SO-8 (T&R)
1.5A (PEAK CURRENT OF THE INTERNAL POWER SWITCH)	MC34063ACD [®] MC34063ABD [▲] MC34063ACN [®] MC34063ABN [▲] MC34063ACD-TR [®] MC34063ABD-TR [▲] MC34063ECD [®] MC34063ECD-TR [®] MC34063ECN [®] MC34063EBD [◆] MC34063EBD-TR [◆] MC34063EBN [◆]	ADJUSTABLE STEP-UP, STEP-DOWN, INVERTER	2	2.5mA	SO-8 SO-8 DIP-8 DIP-8 SO-8 (T&R) SO-8 (T&R) SO-8 SO-8 (T&R) DIP-8 SO-8 SO-8 (T&R) DIP-8



LOW DROP POSITIVE

Coming soon

P/N	GENERAL DESCRIPTION	PACKAGE	MAIN APPLICATION
KD1083	$I_{OUT} = 7A$ VERY LOW DROP FIXED & ADJ VREG WITH INHIBIT	D ² PAK, TO-220	POWER SUPPLY
LD29300	$I_{OUT} = 3A$ VERY LOW DROP FIXED & ADJ VREG WITH INHIBIT	P ² PAK, D ² PAK, PENTAWATT, TO-220	POWER SUPPLY
LD29150	$I_{OUT} = 1.5A$ VERY LOW DROP FIXED & ADJ VREG WITH INHIBIT	P ² PAK, D ² PAK, PENTAWATT, TO-220	POWER SUPPLY
STC7082	150mA ULTRA LOW NOISE BiCMOS RF LDO REGULATOR	SOT23-5L	CELLULAR PHONE
STC15MxxR	150mA ULTRA LOW DROP CMOS REGULATOR	SOT23-5L	CELLULAR PHONE
LD3985	$I_{OUT} = 150mA$ ULTRA LOW DROP- LOW NOISE BiCMOS	SOT23-5L, Flip-Chip	BATTERY EQUIPMENT, CELLULAR PHONE
LD1580	VERY LOW DROP FIXED AND ADJ 7A, DOUBLE SUPPLY	PENTAWATT, HEPTAWATT	POWER SUPPLY
LDRxxyy	DUAL OUTPUT VOLTAGE REGULATOR	PENTAWATT	MONITOR TV



APPLICATION SPECIFIC DEVICES

Coming soon

P/N	GENERAL DESCRIPTION	PACKAGE	MAIN APPLICATION
ST3S01	GSM BATTERY CHARGER	SO-8	GSM, CELLULAR PHONE
ST1734	BATTERY CHARGER CONTROLLER FOR SINGLE CELL Li-ION BATTERY	SOT23-6L	MOBILE PHONES



DC - DC CONVERTERS

Coming soon

P/N	GENERAL DESCRIPTION	PACKAGE	MAIN APPLICATION
ST777/8/9	$I_{OUT} = 240\text{mA}$, FIX & ADJ, WITH ON/OFF CONTROL	SO-8, DIP-8	POWER SUPPLY, BATTERY EQUIPMENT
STSR3	SYNCHRONOUS RECTIFIER SMART DRIVER FOR FLYBACK CONVERTER	SO-8, DIP-8	HIGH CURRENT POWER SUPPLY
ST2611	1.4 MHz CURRENT MODE PWM INVERTING DC-DC CONVERTER	SOT23-5L	MOBILE PHONES
ST1734	BATTERY CHARGER CONTROLLER FOR SINGLE CELL LI-ION BATTERY	SOT23-6L	MOBILE PHONES
ST6601A ST6003A	SYNCHRONOUS - RECTIFIED BUCK MOSFET DRIVER	SO-8, PowerSO-8	MOTHERBOARD
STC3800	LOW POWER BiCMOS CURRENT-MODE PWM	SO-8, DIP-8	SMPS
ST426/7/8	DUAL 1.5A LOW SIDE MOSFET DRIVER	SO-8, DIP-8	SMPS
ST735T	ADJUSTABLE INVERTING, NEGATIVE OUTPUT, CURRENT MODE PWM 300kHz	SO-8, DIP-8	DATA STORAGE



VOLTAGE REFERENCES - GENERAL PURPOSE

P / N	OUTPUT VOLTAGE TYP. (V)	PRECISION (%)	T _C max (ppm / °C)	I _k RANGE (mA)	R _{ka} max (Ω)	TEMPERATURE RANGE (°C)	PACKAGE
LM236	2.5	2	-	0.4 to 10	0.6	-25 to +85	SO-8 TO-92
LM336	2.5	4 - 2	-	0.4 to 10	1	0 to +70	SO-8 TO-92
MC1403	2.5	1	40	-	-	0 to +70	SO-8
TL431	2.5 to 36	2 - 1	100	1 to 100	0.5	-40 to +105	SO-8 TO-92
TL1431	2.5 to 36	0.4 - 0.25	100	1 to 100	0.5	-40 to +105	SO-8 TO-92
TS2431	2.5 to 24	2 - 1 - 0.5	100	1 to 100	0.75	-40 to +105	SOT-23



VOLTAGE REFERENCES - MICROPPOWER

P / N	OUTPUT VOLTAGE TYP. (V)	PRECISION (%)	T _C max (ppm / °C)	I _k RANGE (mA)	R _{ka} max (Ω)	TEMPERATURE RANGE (°C)	PACKAGE
TS431	1.24 to 6	2 - 1	100	0.06 to 30	0.4	-40 to +125	TO-92 SOT23-5L
TS4041-1.2	1.225	2 - 1 - 0.5	150 - 120	0.065 to 12	0.5	-40 to +85	TO-92 SOT-23
TS4040-2.5	2.5	2 - 1	150	0.065 to 15	0.6	-40 to +85	TO-92 SOT-23
TS821	1.225	2 - 1 - 0.5	120	0.045 to 12	0.5	-40 to +85	TO-92 SOT-23
TS822	2.5	2 - 1	100	0.05 to 15	0.6	-40 to +85	TO-92 SOT-23
TS824-1.2	1.225	1	50	0.045 to 12	0.7	-40 to +85	SOT-23
TS824-2.5	2.5	1 - 0.5	50	0.06 to 15	0.6	-40 to +85	SOT-23

T_c: Temperature coefficient

I_k: Cathode current

R_{ka}: Static impedance



PACKAGE RANGE

SURFACE MOUNTING



DPAK



PPAK



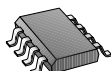
D²PAK



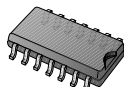
D²PAK/A



P²PAK



SO-8



SO-14



SOT-223



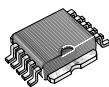
SOT23-5L



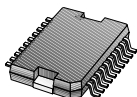
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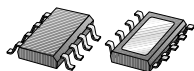
SOT-23



PowerSO-10



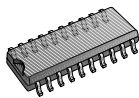
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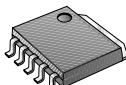
PowerSO-8



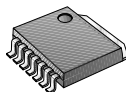
Flip-Chip



SO-20

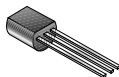


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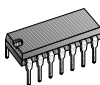


SPAK-7L

THROUGH-HOLE



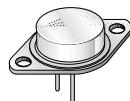
TO-92



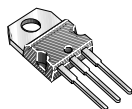
DIP-14



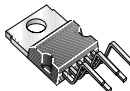
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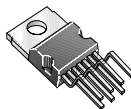
TO-3



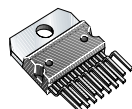
TO-220/FP



PENTAWATT



HEPTAWATT



MULTIWATT15

LEGEND

Blank Not Foreseen

● Available

○ On Request

AP Ammpack

TR Tape & Reel

◇ -25°C to 150°C

◆ -40°C to 125°C

★ -55°C to 150°C

▲ -40°C to 85°C

⊗ -40°C to 150°C

⊕ 0°C to 70°C

□ 0°C to 85°C

No Symbol 0°C to 125°C

∅ Control Flag Provide

∇ Inhibit Provide

lq Typical Value With No Load



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