




Standard Analog & Power Electronic IC

IK Semicon will always remain close to the lives of the customer and promise that we will take a step forward with you.


IK SEMICON - A NEW ERA SEMICONDUCTOR COMPANY!




• Voltage Regulators

+ Precision Low Voltage Referenc

Part	Function	Package	Output Voltage, V	Input Voltage, V	Output Current, A	Output Voltage Tolerance, %	Tested Operating Junction Temp. Range, °C	Data sheet
TL431	Programmable precision references	TO-92 SOT-23 SOP-8 SOT-89						
TL432	Programmable precision references	TO-92,SOT-23,SOT-89						
TL431Z	Programmable precision references	TO-92 SOP-8 SOT-89						

+ Positive Voltage Regulators










Part	Function	Package	Output Voltage, V	Input Voltage, V	Output Current, A	Output Voltage Tolerance, %	Tested Operating Junction Temp. Range, °C	Data sheet
IL78xx	Positive Voltage Regulators	TO-220 TO-252 TO-263	5	35	1.0	4	Tamb=-40 ~ +125	
			6	35				
			8	35				
			9	35				
			10	35				
			12	35				
			15	35				
			18	35				
24	40							




IL78Lxx	Positive Voltage Regulators	TO-92 SOP-8 SOT-89	5	30	0.1	4	Tamb=-40 ~ +125	
			6	30				
			8	30				
			9	30				
			10	30				
			12	35				
			15	35				
IL33269-X	Positive Low Drop Regulators	Chip sale						
ILA8133A	Dual Positive Voltage Regulators	TO-220AB/7	5.1 8	20	0.75	2	Tc=-40 ~ +125	
ILA8137	Dual Positive Voltage Regulators	TO-220AB/7	5.1 5.1	20	1.0	2	Tj=-40 ~ +125	
ILA8138A	Dual Positive Voltage Regulators	TO-220AB/7	5.1 12	20	1.0	2	Tj=-40 ~ +125	
IL2931AZ-5.0	Positive Low Drop Regulators	TO-92	5.0		0.1	5	Tc= 0 ~ +150	
IL2940CT-XX	Positive Low Drop Regulators	TO-220	5	40	1	3	Tc=-10 ~ +125	
			12					

+ Negative Voltage Regulators



Part	Function	Package	Output Voltage, V	Input Voltage, V	Output Current, A	Output Voltage Tolerance, %	Tested Operating Junction Temp. Range, °C	Data sheet
IL79XX	Negative Low Drop Regulators	TO-220 TO-253 TO-263	5	-35	1.0	4	Tc=-40 ~ +125	
			6	-35				
			8	-35				
			9	-35				
			10	-35				
			12	-35				
			15	-35				
			18	-35				
IL79LXX	Negative Low Drop Regulators	TO-92 SOT-89 SOT-23	5	-30	0.1	5	Tamb=-40 ~ +125	
			6	-30				
			8	-30				
			9	-30				
			10	-30				
			12	-30				
			15	-35				
18	-35							
24	-40							

+ Low Dropout Voltage Regulators





Part	Function	Package	Output Voltage, V	Input Voltage, V	Output Current, A	Output Voltage Tolerance, %	Tested Operating Junction Temp. Range, °C	Data sheet
IL1117-xx	Low Dropout Voltage Regulators	SOT-223 TO-220 TO-252	1.2 1.25 (adj) 1.5 1.8 2.5 2.85 3.3 5.0	12	1.0	0.5	Tj=-40 ~ +125	
ILE4260, ILE4260-2	Low Dropout Voltage Regulators	Chip sale						
ILE4264G	Low Dropout Voltage Regulators	SOT-223						
ILE4267G	Low Dropout Voltage Regulators	TO-220-7						
ILE4268G	Low Dropout Voltage Regulators	DSO-20-6						
ILE4270G	Low Dropout Voltage Regulators	TO-263-5, TO-220-5						
IL1581	Low Dropout Voltage Regulators	Chip sale						
IL1083	Low Dropout Voltage Regulators	Chip sale						
IL1084-xx	Low Dropout Voltage Regulators	TO-220 TO-263 TO-263-2L	adj 1.8 3.3 5.0	10	5.0	1	Tj= -10 ~ +125	
IL1085	Low Dropout Voltage Regulators	Chip sale						
IL3480-xx	Low Dropout Voltage Regulators	TO-92 SOT-89	3.3 5.0	30	0.1	4	Tj=-40 ~ +125	
IL233-xx	Low Dropout Voltage Regulators	SOT-223	1.25 (adj) 1.5 1.8 2.5 2.85 3.3 5.0	12	0.5	0.5	Tj=-40 ~ +125	


IL78R-xx	Low Dropout Voltage Regulators	TO-220F-4L	3.3 5 8 9 12 15	30	1.0	2.5	Tamb=-40 ~ +125	
IK1589	2.7A Low Dropout Positive Regulator	TO-220,TO-252,TO-263	1.2	7	2.7	5	Tj=-10 ~ +125	
IL1085-xx	3A LOW DROPOUT POSITIVE REGULATOR	TO-263, TO-220AB	adj, 1.5, 1.8, 2.5, 2.85, 3.3, 3.6, 5.0		3.0	1	-40~+125	

+ Adjustable Voltage Regulators

Part	Function	Package	Output Voltage, V	Input Voltage, V	Output Current, A	Output Voltage Tolerance, %	Tested Operating Junction Temp. Range, °C	Data sheet
IL317	Adjustable Voltage Regulators	TO-220 TO-263	1.2 ~ 37V	40	1.5	4	Tc= 0 ~ +125	
IL317L	Adjustable Voltage Regulators	TO-92 SOT-89	1.2 ~ 37V	40	0.1	4	Tc=-40 ~ +125	

+ Switch Regulators

Part	Function	Package	Output Voltage, V	Input Voltage, V	Output Current, A	Output Voltage Tolerance, %	Tested Operating Junction Temp. Range, °C	Data sheet
IL2576-xx	Switching Voltage Regulators	TO-220-5L TO-263-5L	ADJ 3.3 5.0 12 15	45	3.0	4	Tc=-40 ~ +125	
IL2596-xx	Switching Voltage Regulators	TO-220-5L TO-263-5L	ADJ 3.3 5.0 12	45	3.0	4	Tc=-40 ~ +125	
IL2575-xx	Switching Voltage Regulators	TO-220-5L TO-263-5L	ADJ 3.3 5.0 12 15	45	1.0	4	Tc=-40 ~ +125	
IL2595-xx	Switching Voltage Regulators	TO-220-5L TO-263-5L	ADJ 3.3 5.0	45	1.0	4	Top=-40 ~ +125	

IK1509-xx	Switching Voltage Regulators	SOP-8	ADJ 3.3 5.0 12		2.0		-40 ~ +125	
-----------	------------------------------	-------	-------------------------	--	-----	--	------------	--