

Inductorless Off-Line Regulator ICs / Linear Regulator ICs

Inductorless Off-Line Regulator ICs

Device	V _{IN} (VAC)	Adjustable V _{OUT} (V)	Fixed V _{OUT} (V)	I _{OUT} max (mA)	Load Regulation (%/mA)	Package Options	Demoboards
<u>SR086</u>	80-285	9-50	3.3	100	0.025	8-Lead SOIC (SG) w/ Heat Slug	<u>SR086DB1</u>
<u>SR087</u>	80-285	9-50	5.0	100	0.017	8-Lead SOIC (SG) w/ Heat Slug	<u>SR087DB1</u>

Linear Regulator ICs

Device	+V _{IN}		Output Voltage (V)	Max Output Current (mA)	Typical Regulation		Package Options	Application Notes
	min (V)	max (V)			Line (%/V)	Load (%/mA)		
<u>LR8</u>	12	450	1.2 - 440	10	0.003	0.15	3-Lead TO-252 (K4)	<u>AN-H40</u>
							3-Lead TO-92 (N3)	
							3-Lead SOT-89 (N8)	
<u>LR12</u>	12	100	1.2 - 88	50	0.003	0.06	3-Lead TO-252 (K4)	<u>AN-H40</u>
							8-Lead SOIC (LG)	
							3-Lead TO-92 (N3)	
<u>LR645</u>	15	450	10	3.0	0.0001	0.5	8-Lead SOIC (LG)	-
							3-Lead TO-92 (N3)	
							3-Lead TO-220 (N5)	
							3-Lead SOT-89 (N8)	
<u>LR745</u>	25	450	20	2.0	0.0001	0.5	3Lead TO-92 (N3)	-
							3Lead SOT-89 (N8)	