

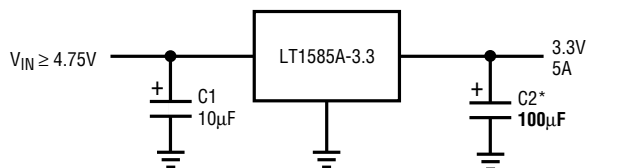
There is a change in the **LT1585A/LT1585A-3.3** data sheet. The minimum output capacitance required for stability is 100 $\mu$ F. The value of 100 $\mu$ F tantalum or aluminum output capacitor covers all applications, including those using a bypass capacitor on the adjust terminal.

This change does not affect any of the data sheet minimum/maximum specification limits. See below for the areas in the data sheet that are affected by this change which are indicated by **bold** type. For complete specifications, typical performance curves and applications information, please see the **LT1585A/LT1585A-3.3** data sheet.

## ELECTRICAL CHARACTERISTICS

PARAMETER		CONDITIONS	MIN	TYP	MAX	UNITS
Ripple Rejection	LT1585A	$f = 120\text{Hz}$ , $C_{OUT} = 100\mu\text{F}$ Tant., $(V_{IN} - V_{OUT}) = 3\text{V}$ , $I_{OUT} = 5\text{A}$				
	LT1585A-3.3	$f = 120\text{Hz}$ , $C_{OUT} = 100\mu\text{F}$ Tant., $V_{IN} = 6.3\text{V}$ , $I_{OUT} = 5\text{A}$	● 60	72		dB

## TYPICAL APPLICATION



\* REQUIRED FOR STABILITY

1585A TA01

## APPLICATIONS INFORMATION

### Stability

... For all operating conditions, the addition of a **100 $\mu$ F** solid tantalum or aluminum electrolytic on the output ensures stability. Many different types of ...

... The value of **100 $\mu$ F** tantalum or aluminum covers all cases of bypassing the adjust terminal. Normally, capacitor values on the order of ...

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For further information regarding this specification notice contact:

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