
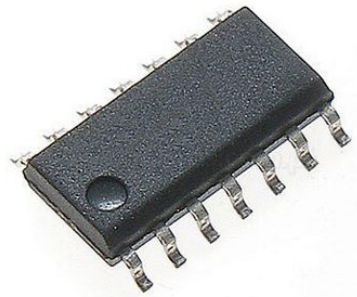


## UCx84xA Current-Mode PWM Controller

<b>Manufacturer:</b>	<a href="#">Texas Instruments, Inc</a>
<b>Package/Case:</b>	SOP14
<b>Product Type:</b>	Power Management ICs
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

### General Description

The UCx84xA family of control devices is a pin-for-pin compatible improved version of the UCx84x family. Providing the necessary features to control current-mode or switched-mode powersupplies, this family of devices has many improved features: startup current is less than 0.5 mA, oscillator discharge is trimmed to 8.3 mA, and during UVLO, the output stage can sink at least 10mA at less than 1.2 V for VCC over 5 V.

### Key Features

Optimized for Off-Line and DC-DC Converters

Low Start-Up Current (< 0.5 mA)

Trimmed Oscillator Discharge Current

Automatic Feedforward Compensation

Pulse-by-Pulse Current Limiting

Enhanced Load Response Characteristics

Undervoltage Lockout With Hysteresis

Double Pulse Suppression

High-Current Totem Pole Output

Internally-Trimmed Bandgap Reference

Up to 500-kHz Operation

Create a Custom Design Using the UCx84xA With the WEBENCH Power Designer

### Recommended For You

**UCC28064ADR**

Texas Instruments, Inc  
SOP16

**UC3637N**

Texas Instruments, Inc  
DIP-18

**UCC27517DBVR**

Texas Instruments, Inc  
SOT23-5

**UCC2946TPWRQ1**

Texas Instruments, Inc  
TSSOP8

**UCC28730QDRQ1**

Texas Instruments, Inc  
SOP7

**UCC21222QDRQ1**

Texas Instruments, Inc  
SOP16

**UCD9090QRGZRQ1**

Texas Instruments, Inc  
VQFN-48

**UCC27531QDBVRQ1**

Texas Instruments, Inc  
SOT23-6

**UCC27511AQDBVRQ1**

Texas Instruments, Inc  
SOT23-6

**UCC2803QDRQ1**

Texas Instruments, Inc  
SOP8

**UCC28951QPWRQ1**

Texas Instruments, Inc  
TSSOP24

**UCC21320QDWKRQ1**

Texas Instruments, Inc  
SOIC-14

**UCC27322QDGNRQ1**

Texas Instruments, Inc  
HVSSOP-8

**UCC28950QPWRQ1**

Texas Instruments, Inc  
TSSOP24

**UCC2808AQDR-2Q1**

Texas Instruments, Inc  
SOP8