


Current Mode PWM Controller -0.1V to 11V 1A 500kHz 8-Pin SOIC Tube



Images are for reference only

[Inquiry](#)

| | |
|----------------------|--|
| Manufacturer: | Texas Instruments, Inc |
| Package/Case: | SOP8 |
| Product Type: | Power Management ICs |
| RoHS: | RoHS Compliant/Lead free  |
| Lifecycle: | Active |

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

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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