

CDR SONET/SDH/ATM 3.3V 32-Pin TQFP EP Tray

Manufacturer: [Microchip Technology, Inc](#)

Package/Case: QFP32

Product Type: Clock & Timer ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active



Images are for reference only

[Inquiry](#)

General Description

The SY87700AL is a complete clock recovery and data retiming integrated circuit for data rates from 32Mbps up to 208Mbps NRZ. The device is ideally suited for SONET/SDH/ATM applications and other high-speed data transmission systems.

Clock recovery and data retiming is performed by synchronizing the on-chip VCO directly to the incoming data stream. The VCO center frequency is controlled by the reference clock frequency and the selected divide ratio. On-chip clock generation is performed through the use of a frequency multiplier PLL with a byte rate source as reference. The SY87700AL also includes a link fault detection circuit.



Recommended For You

SY87729LHY

Microchip Technology, Inc
QFP32

SY87701ALHG

Microchip Technology, Inc
TQFP32

SY89296UMG

Microchip Technology, Inc
VQFN

SY89297UMG

Microchip Technology, Inc
QFN24

SY89295UMG

Microchip Technology, Inc
QFN

SY89874UMG

Microchip Technology, Inc
QFN

SY87739LHY

Microchip Technology, Inc
TQFP32

SY100EL34ZG

Microchip Technology, Inc
SOP16

SY89202UMG

Microchip Technology, Inc
QFN

SY89876LMG

Microchip Technology, Inc
QFN

SY100EP196VTG

Microchip Technology, Inc
TQFP32

SY89831UMG

Microchip Technology, Inc
QFN

SY89833ALMG

Microchip Technology, Inc
16-VQFN

SY89297UMH

Microchip Technology, Inc
VQFN

SY87721LHG

Microchip Technology, Inc
64-TQFP