

## Clock Driver 10-OUT 1-IN 1:10 20-Pin QSOP Tube

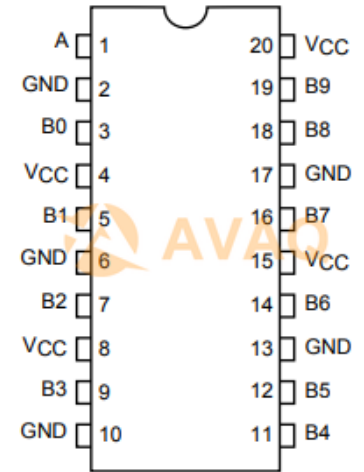
**Manufacturer:** [Diodes Inc](#)

**Package/Case:** QSOP-20

**Product Type:** Drivers

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active



Images are for reference only

[Inquiry](#)

## General Description

Pericom Semiconductors PI49FCT series of logic circuits are produced using the Company's advanced 0.5 micron CMOS technology, achieving speeds up to 150 MHz, low-power dissipation, and output skew less than 150ps.

The PI49FCT3807 is a 3.3V very low skew clock buffer that produces ten outputs from a single low-capacitance input. Excellent output signals to power and ground ratio minimize power and ground noise, and also improves output performance.

## Key Features

3.3V version of PI49FCT807

Ultra low skew: 0.35ns

Low Input Capacitance

Minimum duty cycle distortion

1:10 fanout

High speed: 3.5ns propagation

TTL input and CMOS output compatible– VOH =3.3V (typical)– VOL =0.3V (typical)

Industrial Temperature: –40°C to +85°C

3.3V ±10% operation

Packaging (Pb-free & Green Available):– 20-pin 300-mil wide SOIC (S)– 20-pin 150-mil wide QSOP (Q)– 20-pin 209-mil wide SSOP (H)

