

## Description

The LSI Computer Systems LFLS7166 is a CMOS, 24-bit counter that can be programmed to operate in several different modes. The operating mode is set up by writing control words into internal control registers. There are three 6-bit and one 2-bit control registers for setting up the circuit functional characteristics. In addition to the control registers, there is a 5-bit output status register that indicates the current counter status. The IC communicates with external circuits through an 8-bit three state I/O bus. Control and data words are written into the LFLS7166 through the bus. In addition to the I/O bus, there are a number of discrete inputs and outputs to facilitate instantaneous hardware based control functions and instantaneous status indication.

[View the Manufacturer's Datasheet](#)



## Features

- Programmable count modes
- DC to 25MHz count frequency
- 8-Bit I/O Bus for  $\mu$ P communication and control
- 24-Bit comparator for pre-set count comparison
- Readable status register
- Input/Output TTL and CMOS compatible
- 3V to 5.5V operation
- 20-pin SOIC package

## Base Pricing

Quantity	Price
1	\$12.23
10	\$11.20

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