

## Description

The LSI Computer Systems IC allows incremental shaft encoders to drive standard up/down counters. Connect the encoder quadrature outputs to the A and B inputs. The LS7083N-S outputs can connect directly to the up and down clock inputs of counters such as 74193 or 40193.

The next generation Encoder to Counter Interface chips are now available and recommended for new applications (DIP package, LS7183N / LS7184N, or SOIC package, LS7183N-S / LS7184N-S ).

[View the Manufacturer's Datasheet](#)



## Features

- x1 or x4 resolution multiplication
- TTL and CMOS compatible
- Low current (micro-amps)
- 8-pin SOIC package
- No external clocks required
- Drive standard Up/Down counters
- Monolithic CMOS