

Description

The LSI Computer Systems LS7184N-S allow incremental encoders to drive standard up/down counters. Connect the encoder quadrature outputs to the A & B inputs. The LS7184N-S outputs can connect directly to the Clock and Up/Down inputs of counters such as 4516 or 74169.

The LS7184N-S is an improved version of the LS7184N-S and should be considered first for all new product designs. The primary differences between the old and new LS chips are the addition of a x2 resolution multiplication, power supply operating range and improved output pulse timing characteristics.

Please note: Rbias values for output pulse width timing are not the same as the LS7084N-S.

[View the Manufacturer's Datasheet](#)



Features

- x1, x2 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
- Operates from 3V to 5V power supply