

LS7366RSH PRESS RELEASE

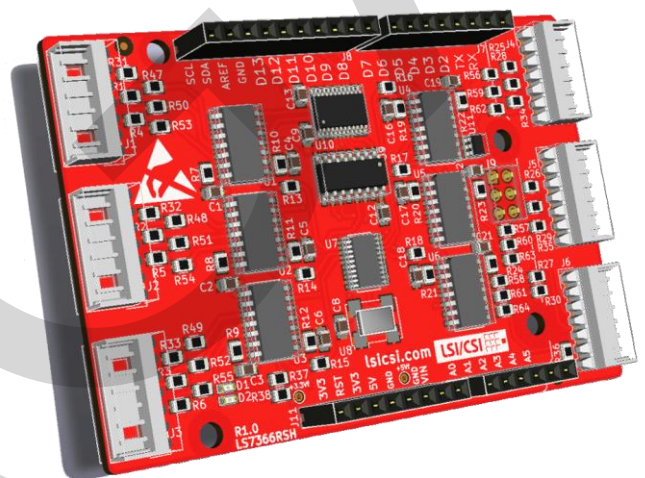
6-Channel LS7366R 32-Bit Quadrature Counter Development Shield for Arduino

MELVILLE, NY - LSI/CSI is pleased to announce the **LS7366RSH** shield development kit. The LS7366RSH highlights the **LS7366R**, a powerful 32-bit CMOS counter with direct interface for quadrature clocks from incremental encoders.

The **LS7366RSH** features a 6-channel on-board encoder platform for a full out-of-the-box experience and rapid development. The board is directly compatible with Arduino boards. It unloads all of the computation of tracking the encoders and interfaces directly with the Arduino board via SPI and IOs. For additional information visit the LS7366RSH product page.

Features:

- 6-channel on-board quadrature counters
- Direct interface with Arduino boards
- On-board 32 MHz clock
- SPI interface



A huge advantage is gained by our customers in that the LS7366R provides for a dedicated solution to position and displacement tracking at 40×10^6 /sec line rate (at 5V) from the encoder and a count limit of 2^{32} . Its serial interface (SPI) greatly reduces the required IO wire count as compared to a parallel bus structure. It can also operate with non-quadrature clock signals and provides various counting modes for signal conditioning.

View the LS7366R data sheet [here](#).

View the board [here](#).

ABOUT LSI/CSI

LSI Computer Systems, Inc. (LSI/CSI) began operations as the world's first fabless semiconductor company in 1969. Since its inception, LSI/CSI has been a leader in the **design and production of affordable full custom and standard mixed-signal, digital and analog integrated circuits**. Using a broad array of process technologies, LSI/CSI has produced ICs that extend from the consumer and industrial marketplace to military and aerospace applications. The company's proven expertise and strong reputation have made LSI/CSI the IC provider of choice for leading manufacturers in a broad range of industries.

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