

ABSTRACT

A data link may include a transmitter hardware module configured to receive a data stream, and to convert units in the data stream from having a size of eight data bits to having a size of a predetermined number of data bits before transmitting the data stream in parallel transmission, the size of the predetermined number of data bits being of any whole number of 7 or less. The data link may also include a receiver hardware module configured to receive the data stream from the transmitter hardware module, and to convert units in the data stream from having the size of the predetermined number of data bits to having the size of eight data bits. The data link may further include a pulse detection module configured to detect transmission in the data stream of one or more units having a size beyond the predetermined number of data bits.

FIG. 1