ABSTRACT

SYNCHRONOUS ONE-BIT INTERFACE PROTOCOL OR DATA STRUCTURE

Systems and methods provide for data transfer and transmission according to a synchronous one-bit interface protocol. A bit stream is generated including first data to be transferred or transmitted and second data from which a clock period used to encode the first data may be extracted. The bit stream is provided to a processor for decoding. In one embodiment, the bit stream includes a start segment or sequence, a data segment and a stop segment or sequence. A clock period is encoded into and is extracted from the start and/or stop sequences. The data segment is decoded on the basis of the clock period.

FIG. 4



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