axis_1553_string_encoder.v

AUTHORS

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DATES

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INFORMATION

Brief

1553 data is converted to a string. The string is carrige return terminated.

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axis 1553 string encoder

1553 data is converted to a string. The string is carrige return terminated.

Parameters

byte_swap swap output byte order.

parameter

Ports

aclkMaster ClockarstnNegative Resets_axis_tdataInput raw data

s_axis_tready Input ready for characters

m_axis_tdata Output string.

m_axis_tvalid Output string is valid

m_axis_tlast Indicates output string termination

 $\label{eq:m_axis_tkeep} \textbf{What bytes are valid characters in the string}.$