# axis\_1553\_string\_decoder.v

## **AUTHORS**

# **JAY CONVERTINO**

## **DATES**

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# **INFORMATION**

## **Brief**

Carrige return terminated string converted to 1553 data.

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# axis 1553 string decoder

Carrige return terminated string converted to 1553 data.

#### **Parameters**

**byte\_swap** swap input byte order.

parameter

## **Ports**

aclkMaster ClockarstnNegative Resets\_axis\_tdataInput raw data

s\_axis\_tvalid Input raw data is valid s\_axis\_tuser Input raw user field

**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

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