

KeyBoard Application

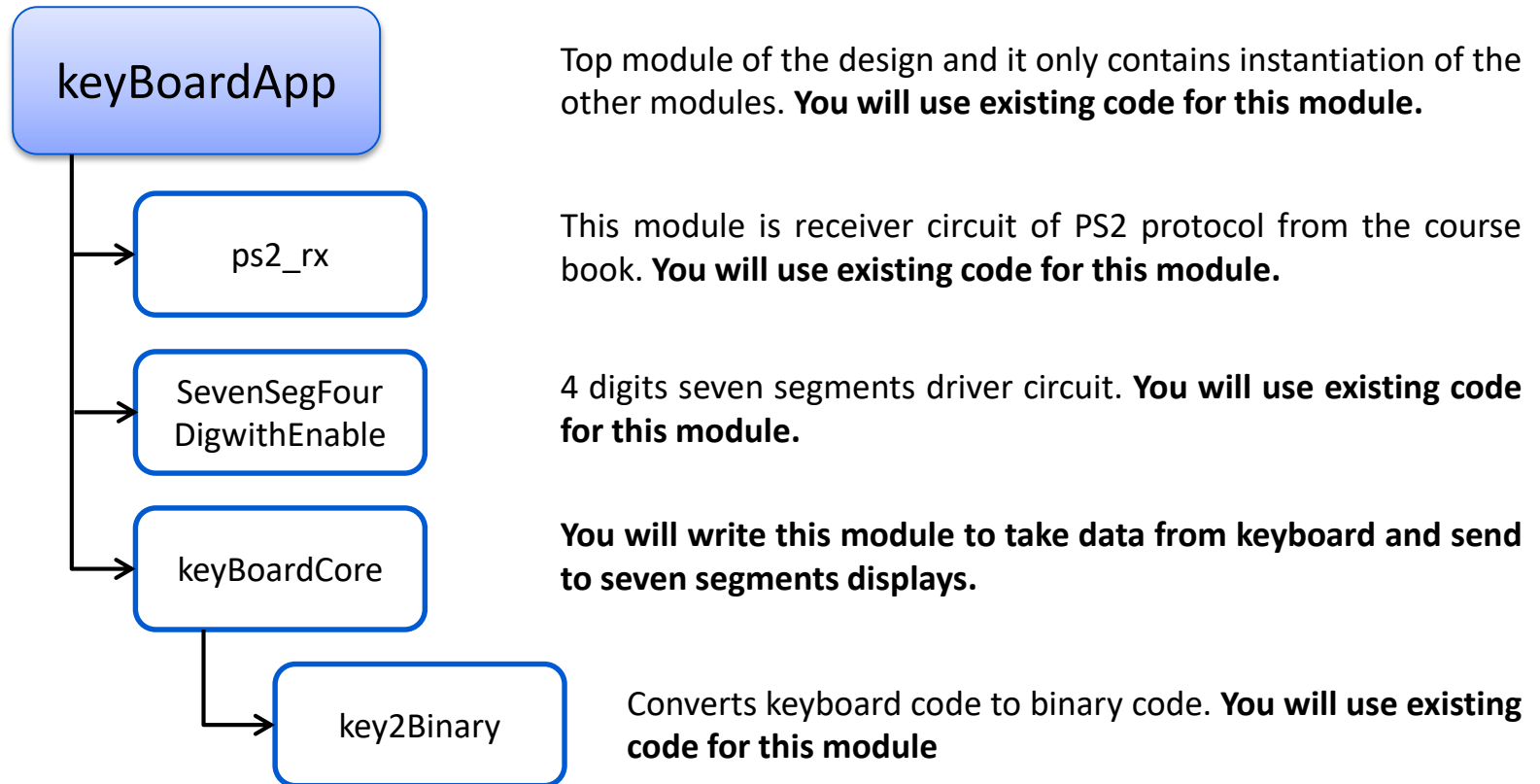
keyBoardApp

Design Description

- It is an example of PS2 keyboard application.
- It takes numbers from keyboard and displays them on 4 digits seven segment display

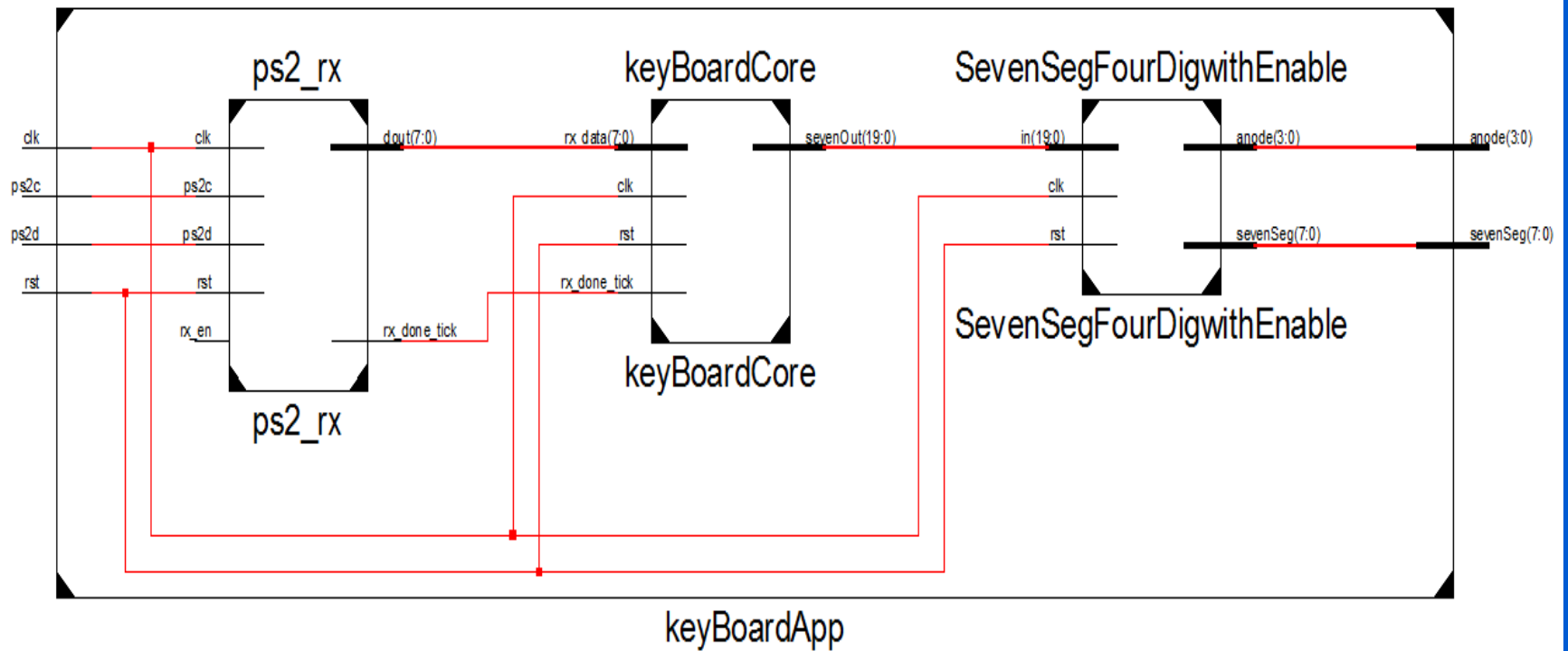
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Hierarchy of keyBoardApp



keyBoardApp

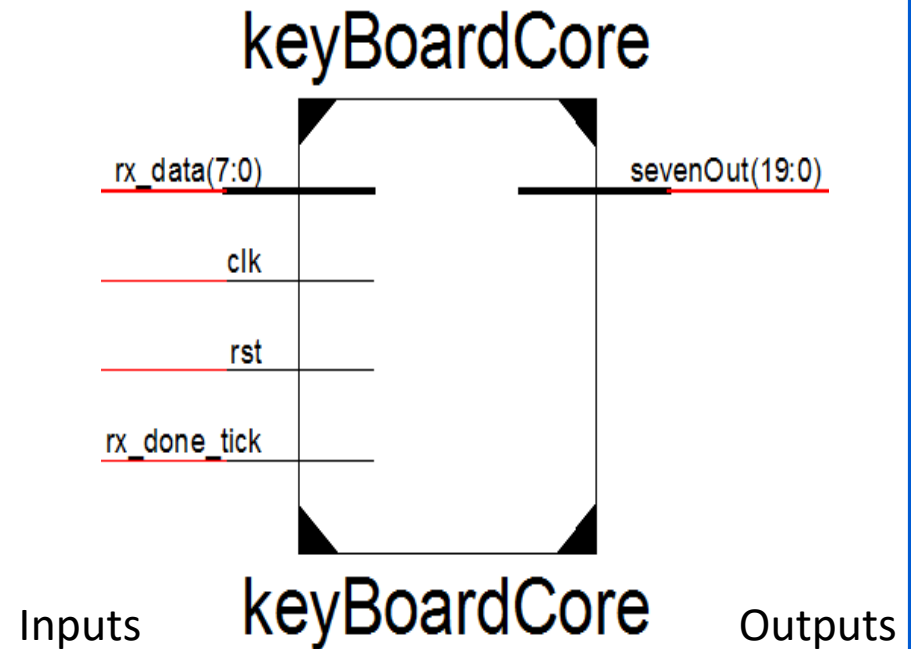
Block Diagram



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Inputs and Outputs of keyBoardCore

- *Rx_done_tick* is an enable signal that says us data is ready on *rx_data* port.
- *sevenOut* goes to sevenSegments driver unit. Each 5 bits out of 20 of it is responsible to a single digit seven segments. So there is 4 digits.



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Design Description
of keyBoardCore

