

TX

variables

state	TXDATA OFFSET	TXDATA PREPARE	TXDATA READY	TXDATA DELAY	TXDATA	RXACK OFFSET	RXACK PREPARE	RXACK READY	RXACK LISTEN	RXACK	TX PROC	SLEEP
*dataToSend												
*dataReceived												
*ackToSend												
*ackReceived											get	late
lastCapturedTime	0											0
syncCapturedTime												

timing &amp; events



pins

task	ti1	ti2	ti3	ti4	ti5	ti6	ti7	ti8	ti5	ti9	ti6
radio	wake!	waste!	waste!	waste!	wake!	waste!	wake!	waste!	wake!	wake!	waste!

timeslot template

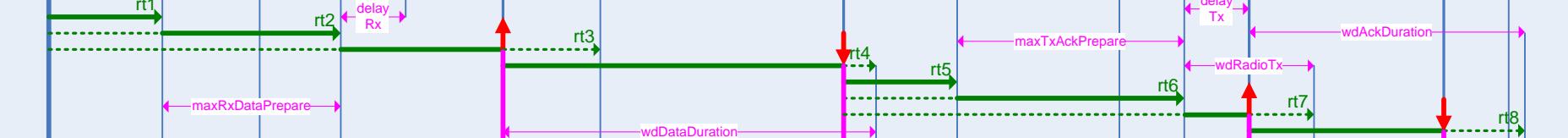


RX

variables

state	RXDATA OFFSET	RXDATA PREPARE	RXDATA READY	RXDATA LISTEN	RXDATA	TXACK OFFSET	TXACK PREPARE	TXACK READY	TXACK DELAY	TXACK	RX PROC	SLEEP
*dataToSend												
*dataReceived												
*ackToSend												
*ackReceived											get	late
lastCapturedTime	0											0
syncCapturedTime	0											0

timing &amp; events



pins

task	ri1	ri2	ri3	ri4	ri5	ri6	ri7	ri8	ri5	ri9	ri6
radio	wake!	waste!	waste!	waste!	wake!	waste!	wake!	waste!	wake!	wake!	waste!

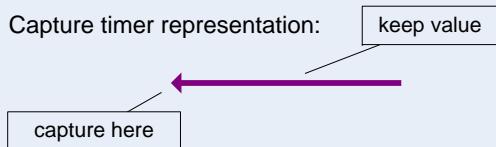


: packet pointer points to a packet

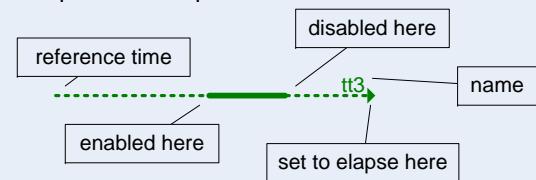


: packet pointer points to NULL

Capture timer representation:



Compare timer representation:



: constant value of 'x'



: capture time here



: start of frame event received from radio



: end of frame event received from radio



: exception activity with error logging



: exception activity (not an error)



: normal activity



: wasted energy



: push timing here to reduce wasted energy



: get packet from transmit queue



: send packet to upper layer



: get an empty packet buffer



: free a packet buffer