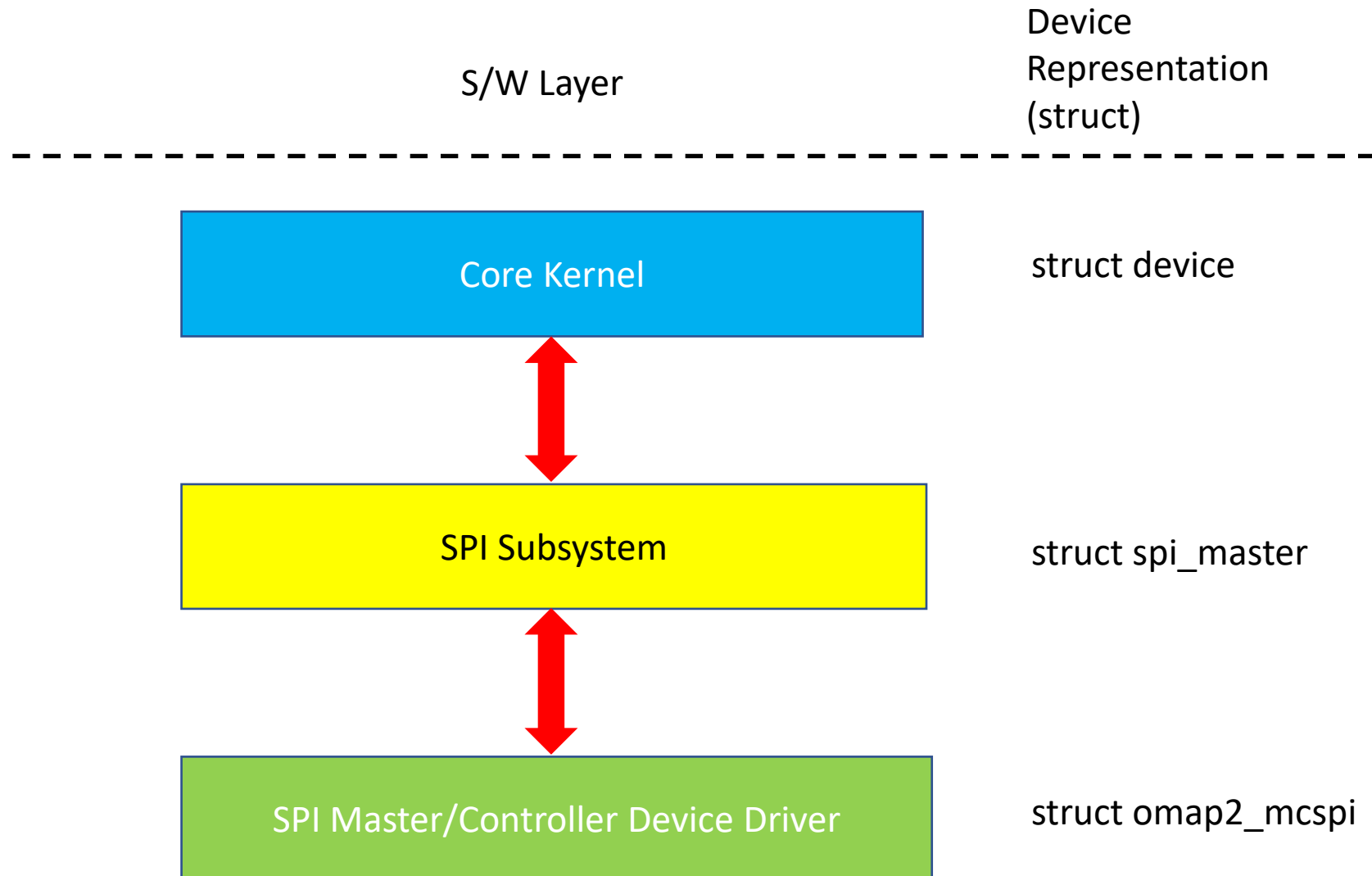


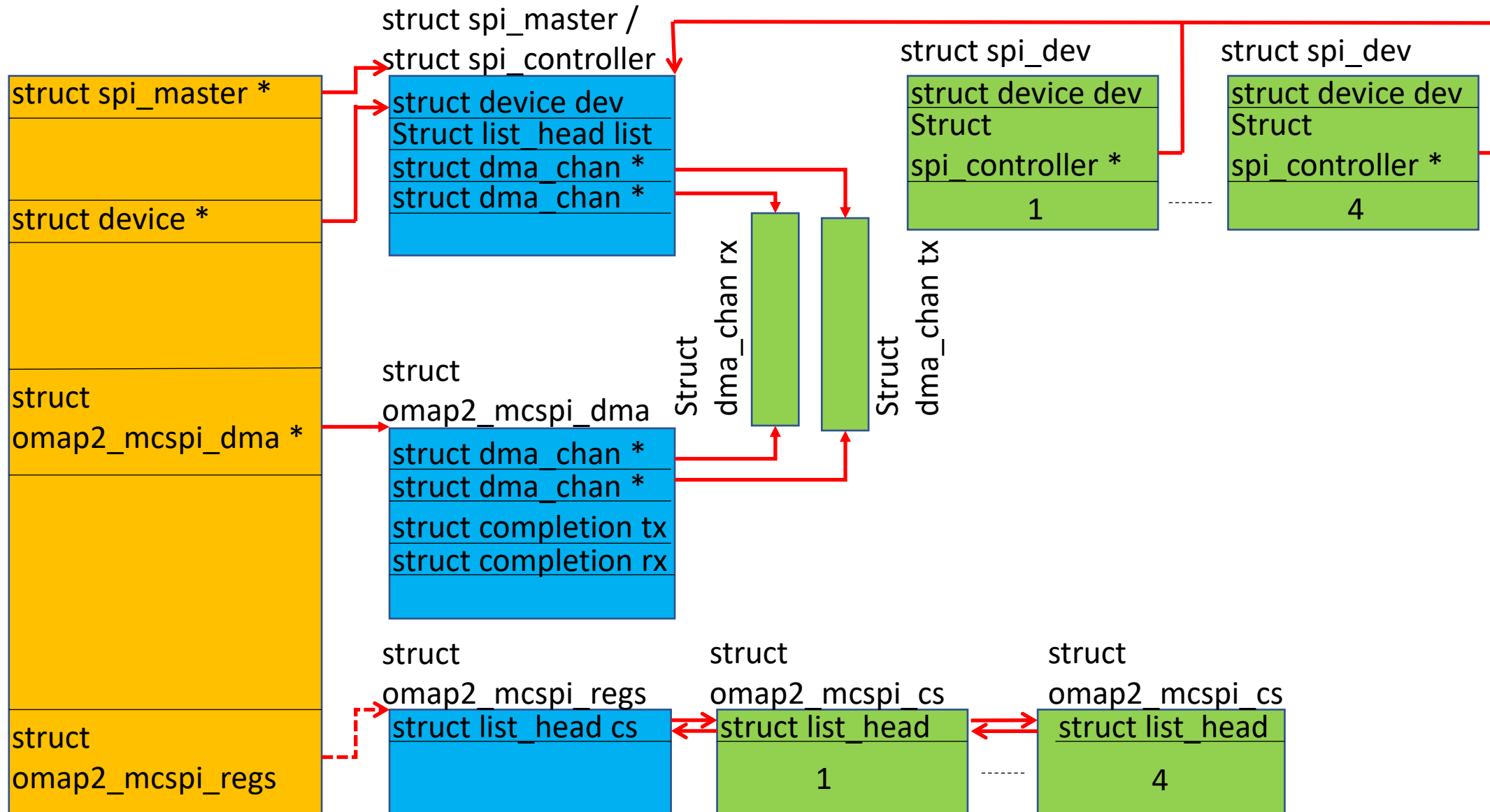
TI OMAP2 SPI Master Linux Device Drivers

By Jitesh Verma

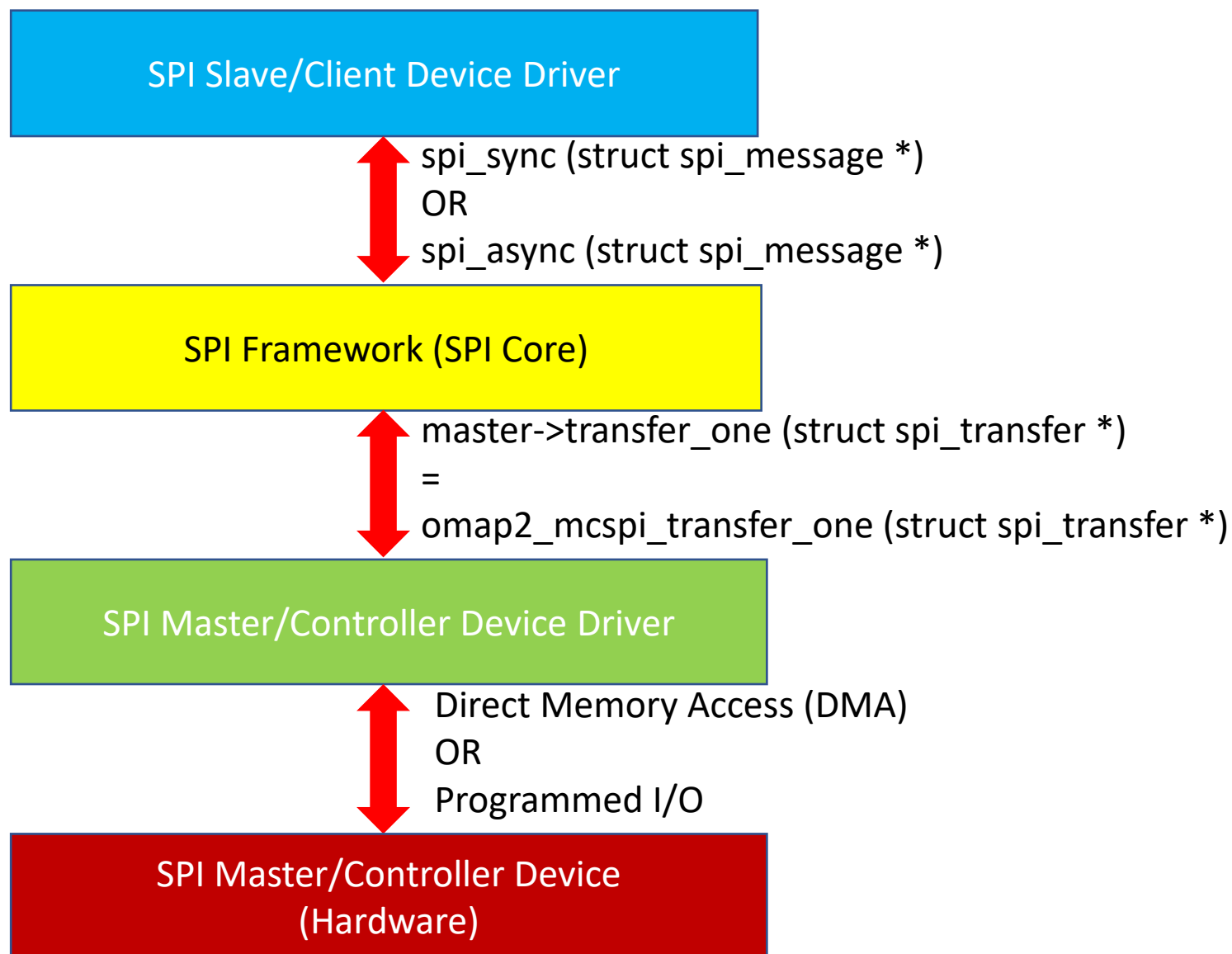
S/W Layers & its Device Representation (for SPI Master)



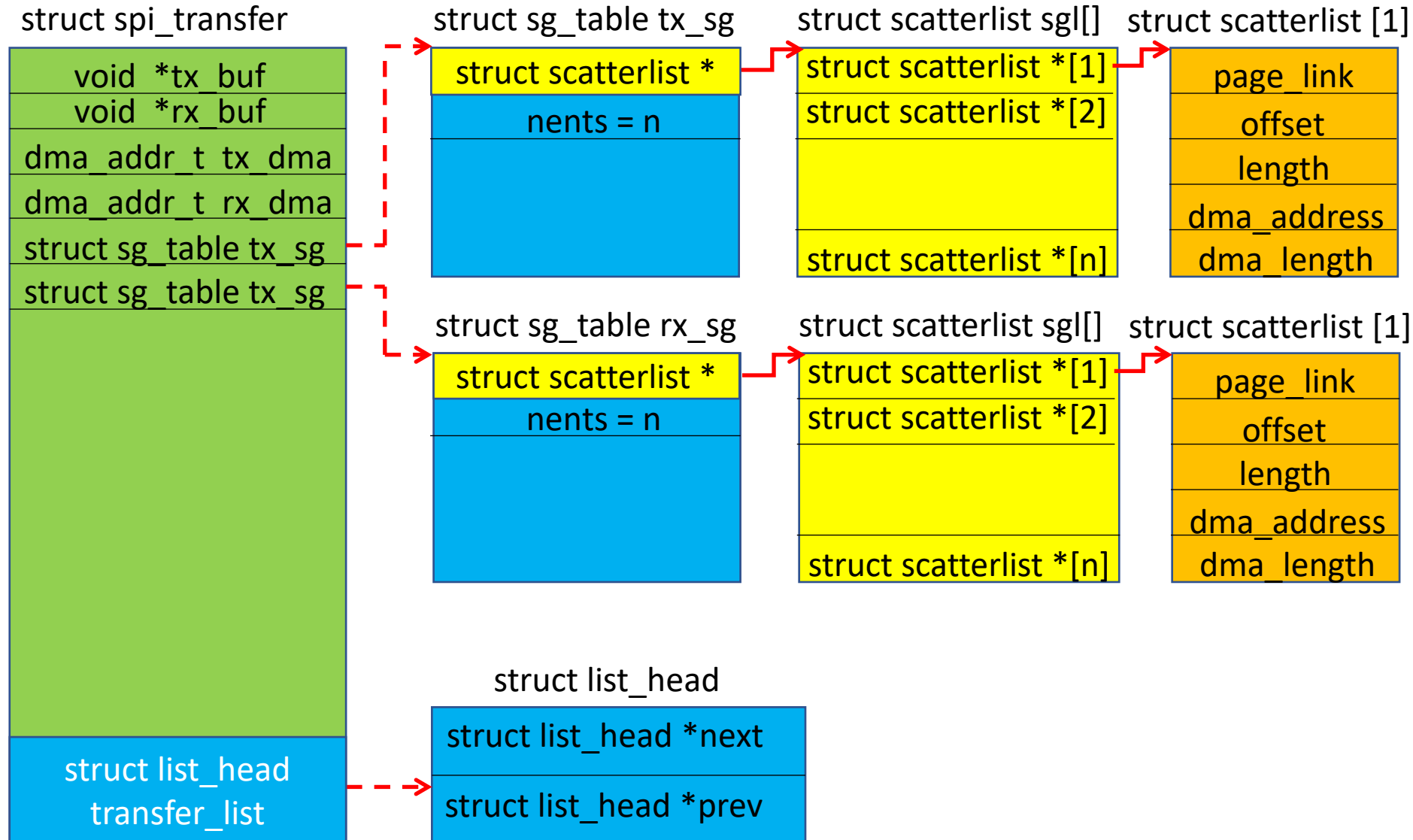
OMAP2 SPI Driver Private Data Structures



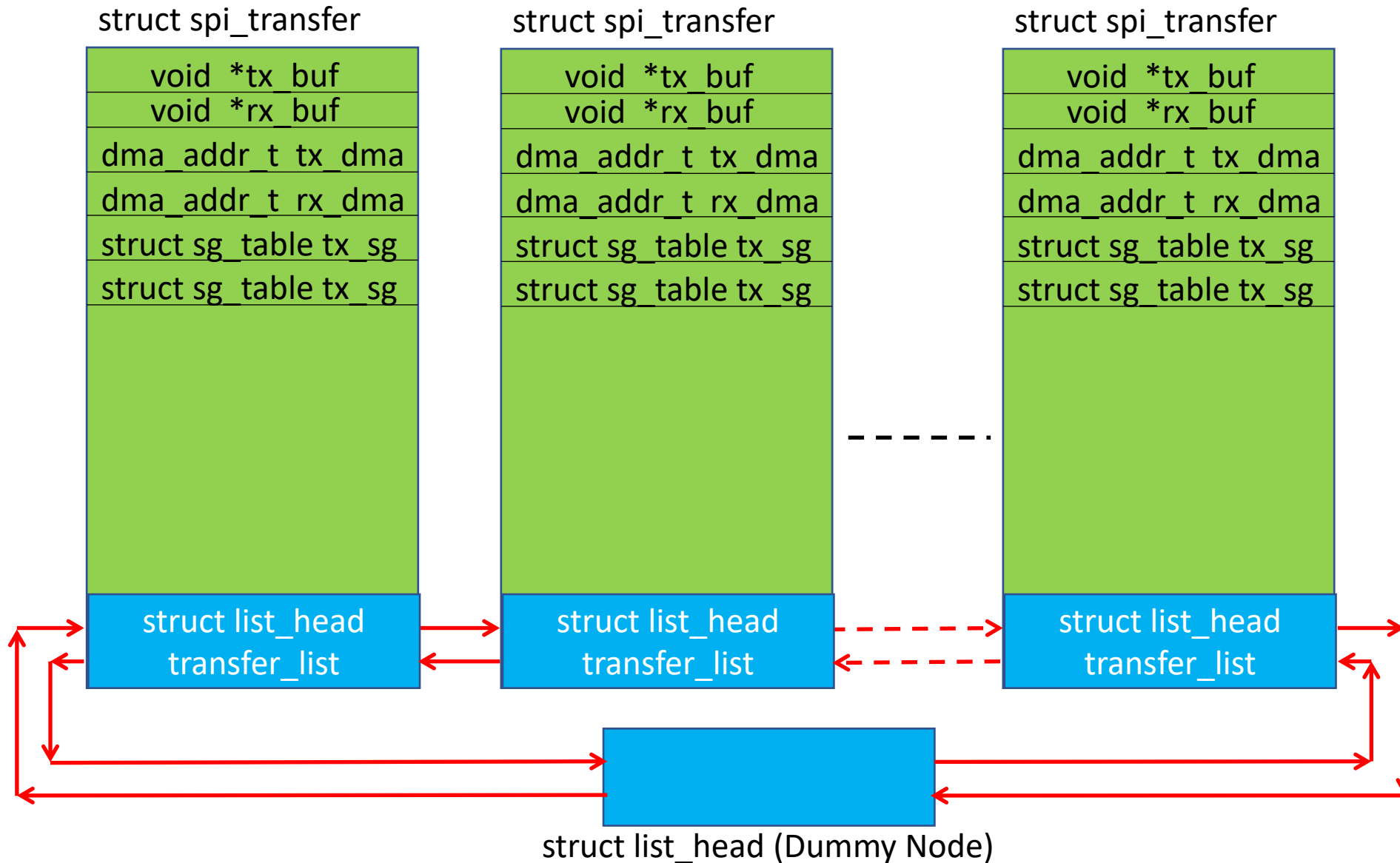
Data Transfer in SPI S/W Stack/Sub-system/Framework



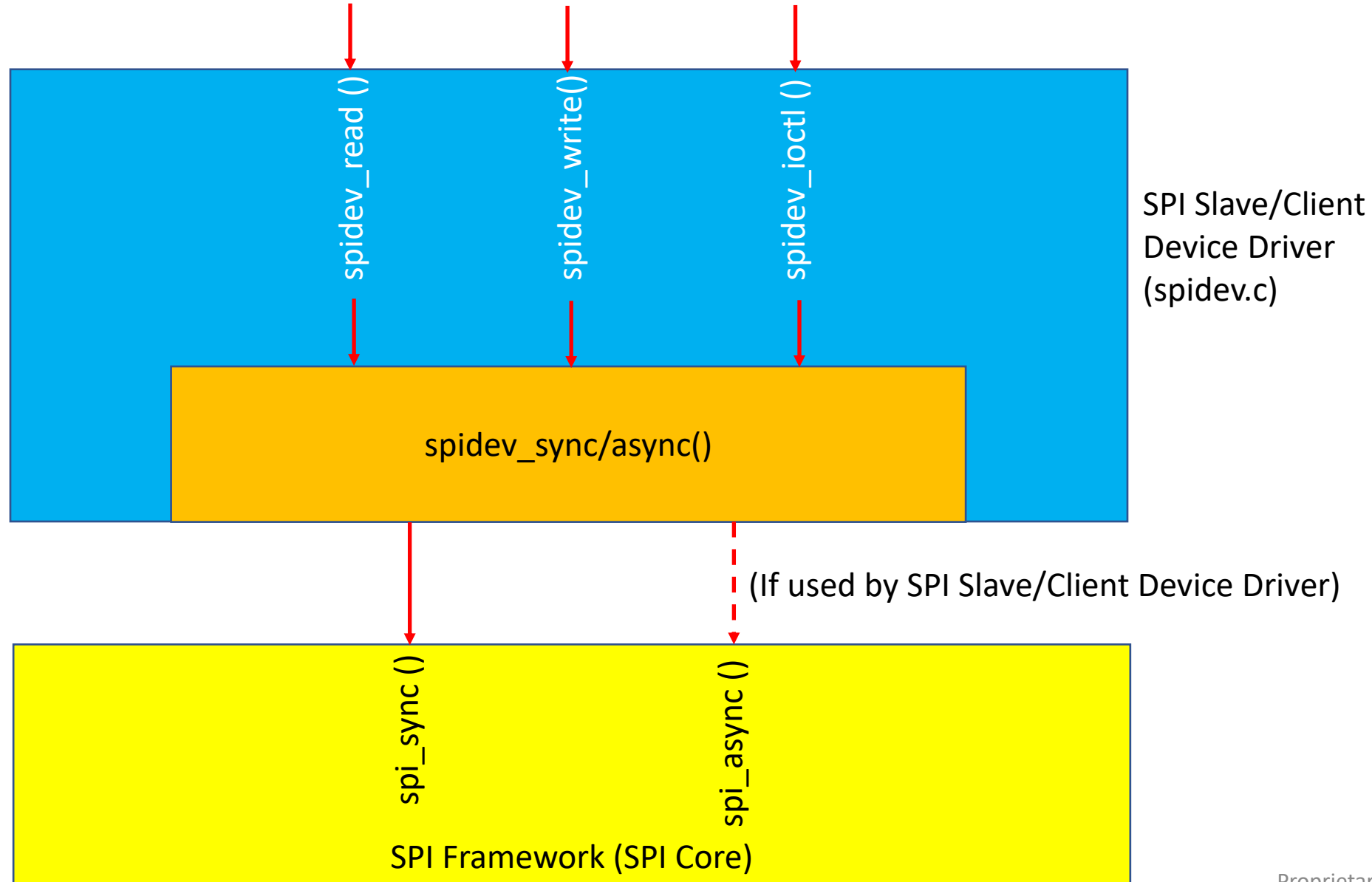
Data Transfer Structure – struct spi_transfer



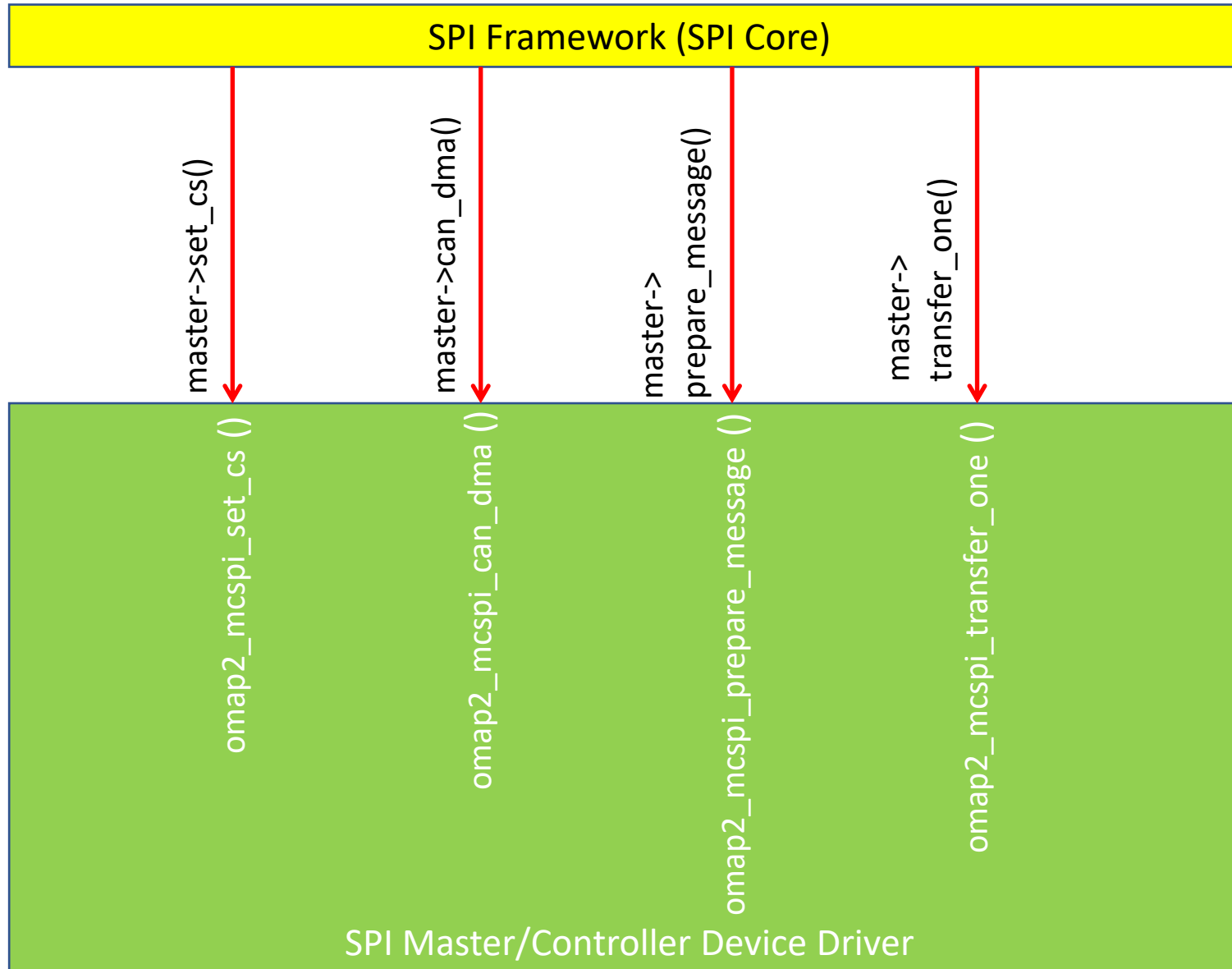
Data Transfer Structure List (Implemented in SPI subsystem)



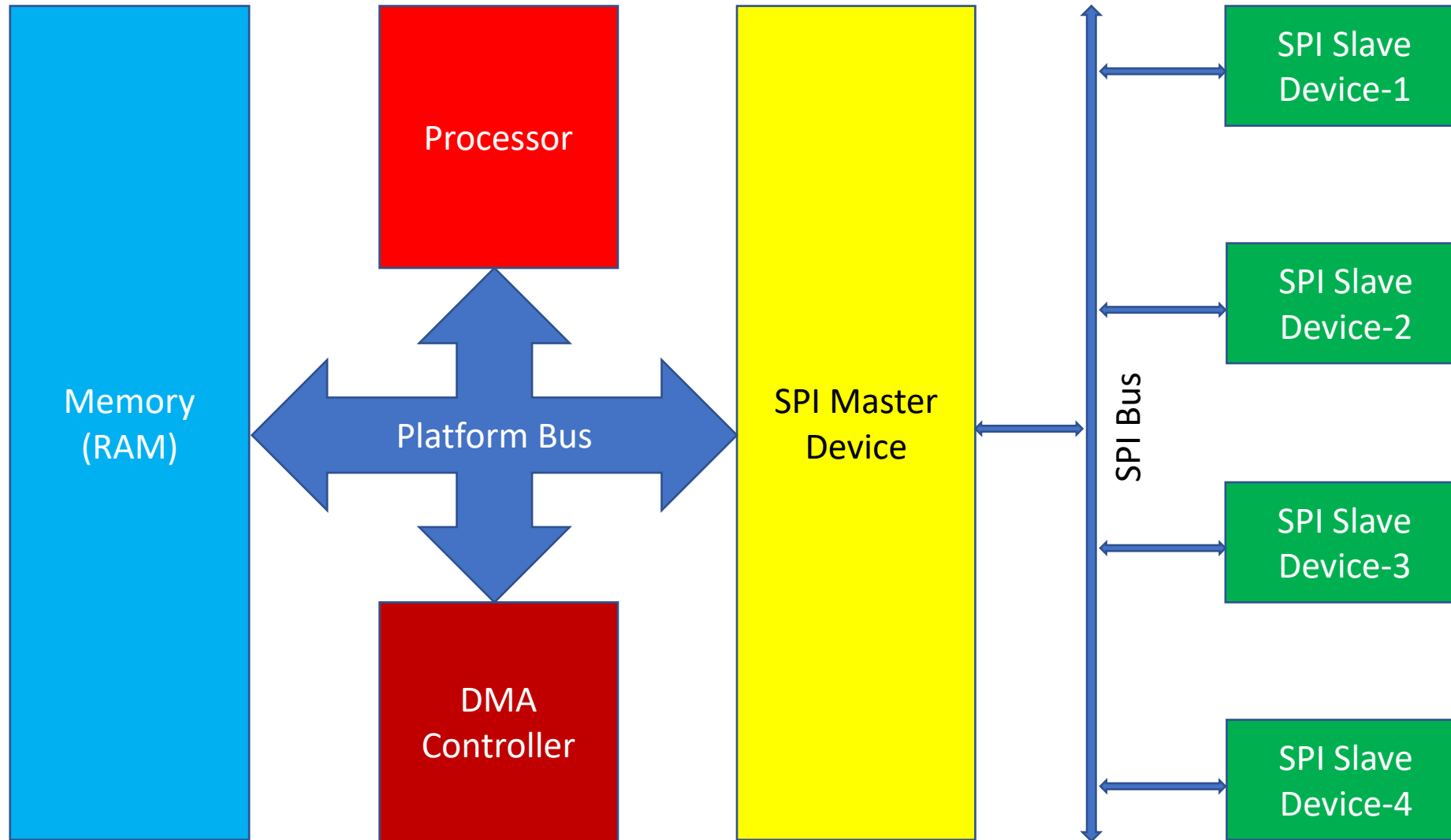
SPI Core/Framework – Slave Device Driver Interaction



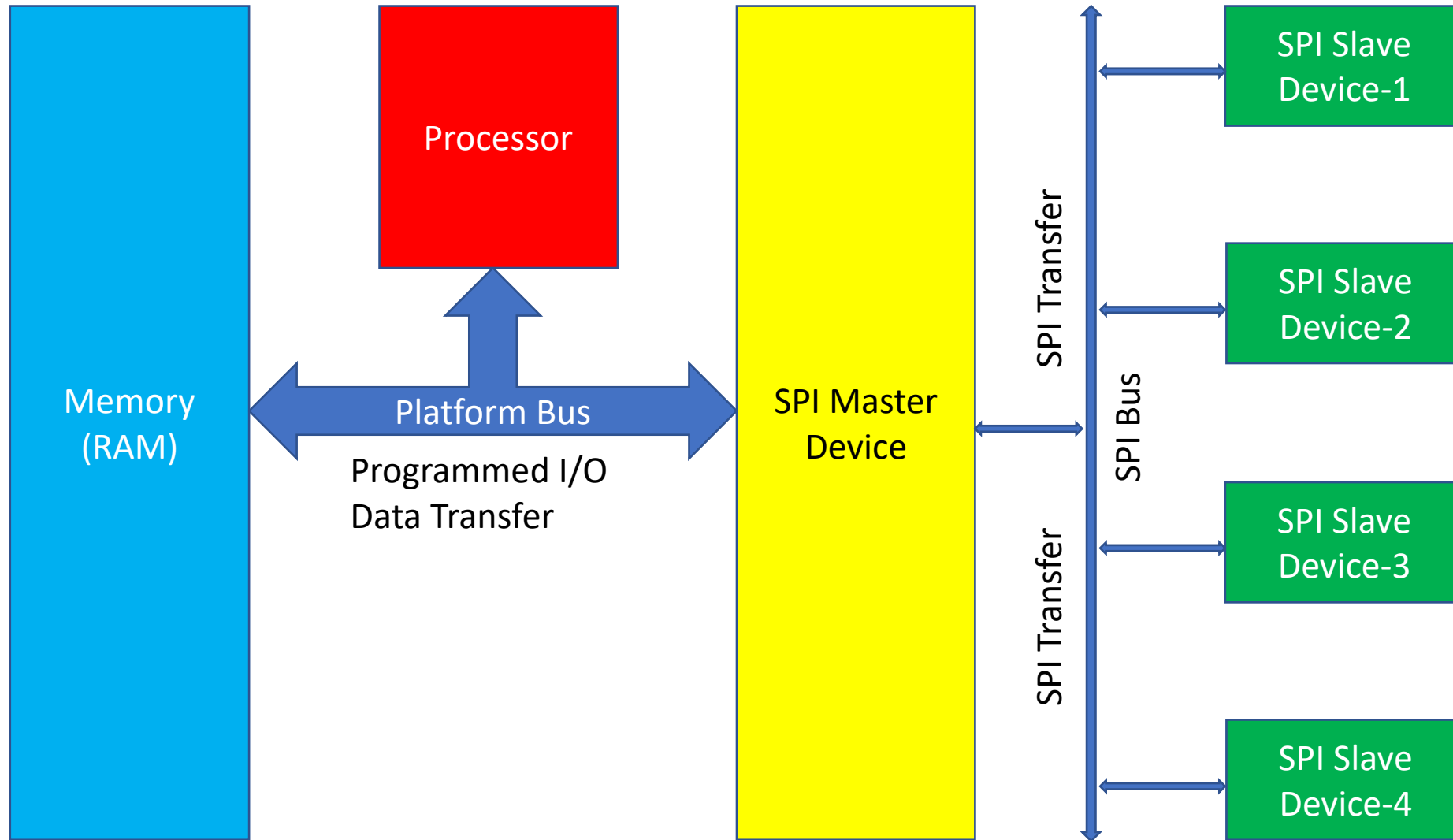
SPI Core/Framework – Master Device Driver Interaction



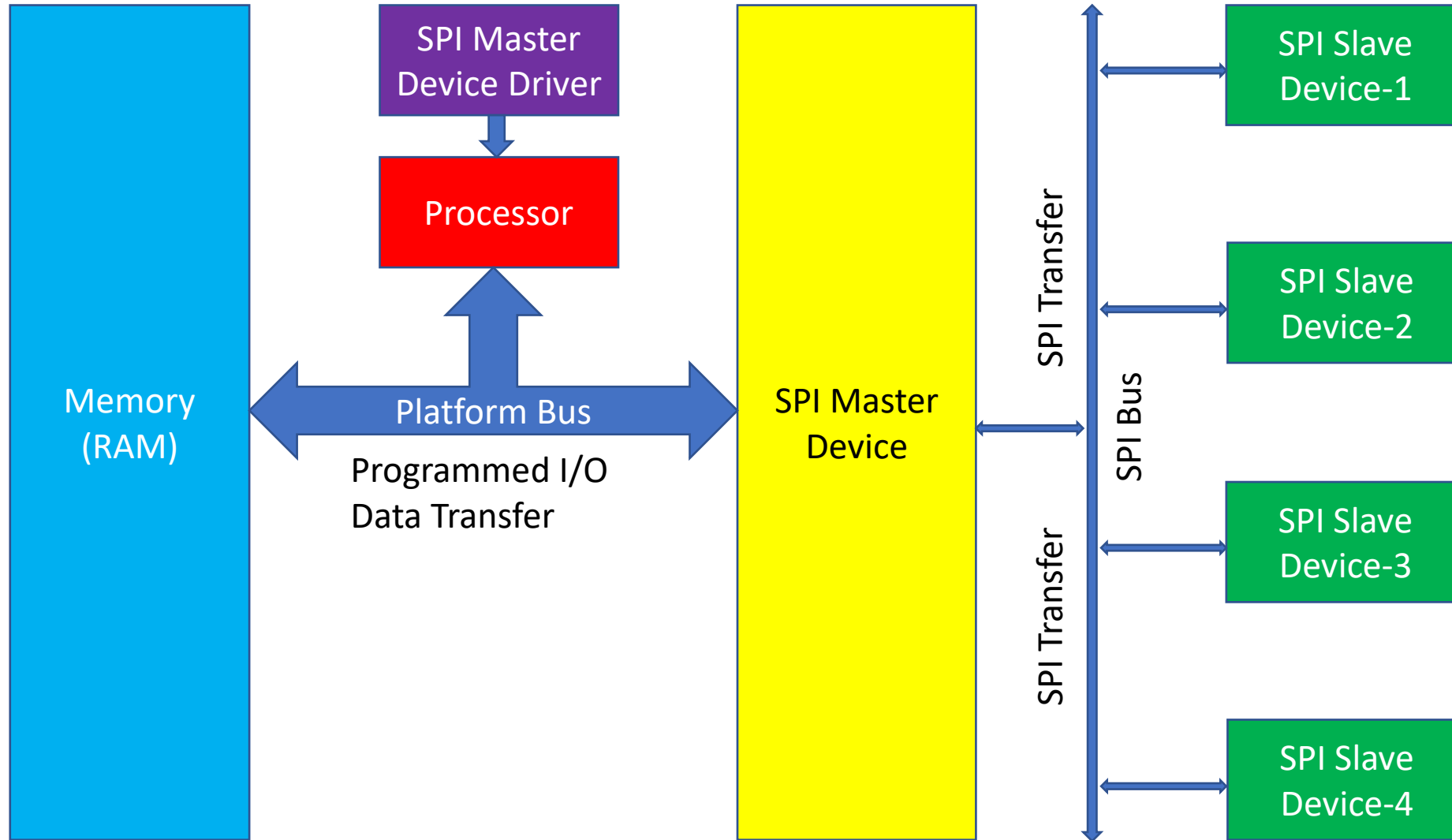
High-level System Hardware Architecture



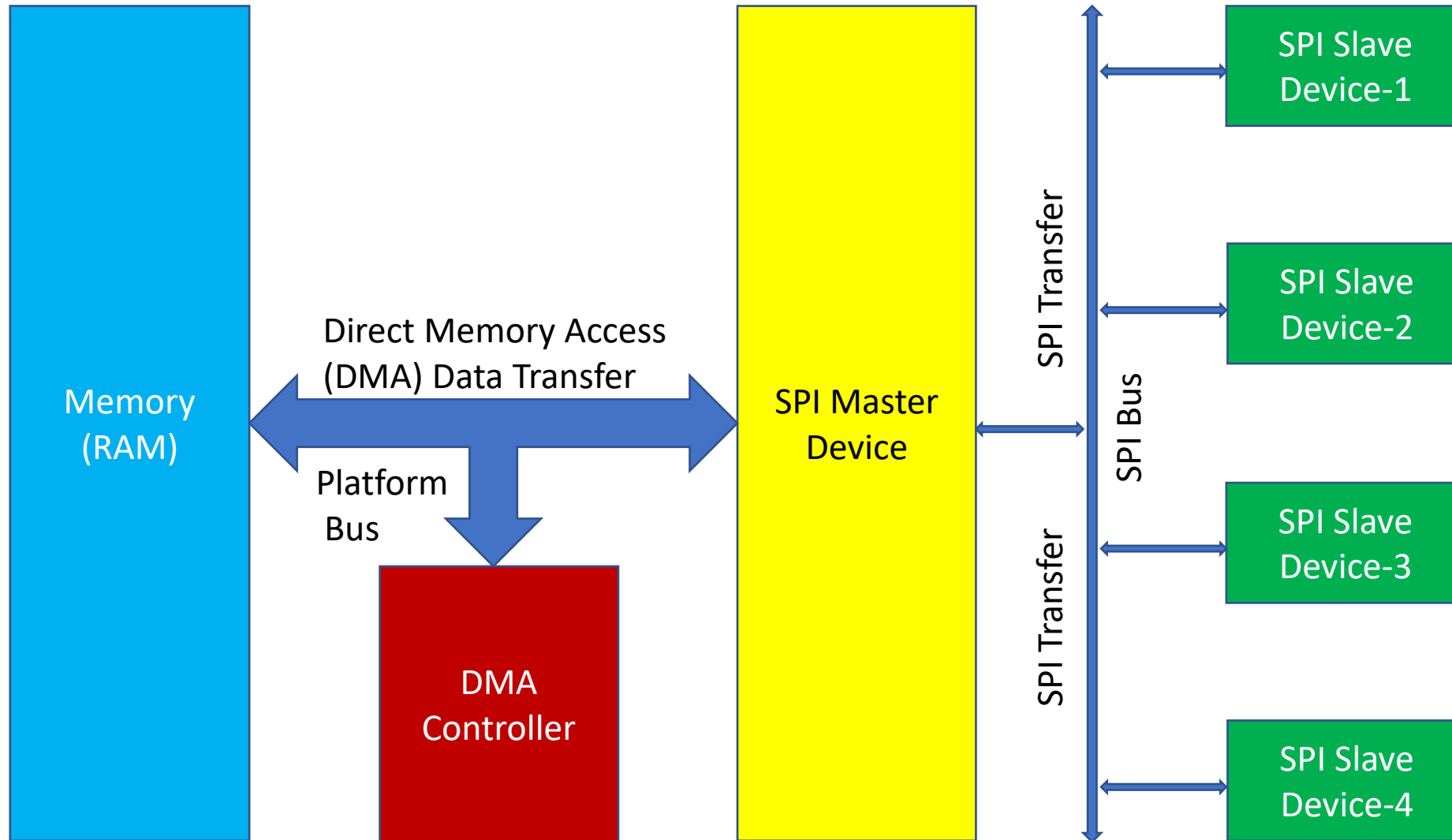
H/W Architecture – Programmed I/O Data Transfer



H/W-S/W Architecture – Programmed I/O Data Transfer



H/W Architecture – DMA Data Transfer



H/W-S/W Architecture – DMA Data Transfer

