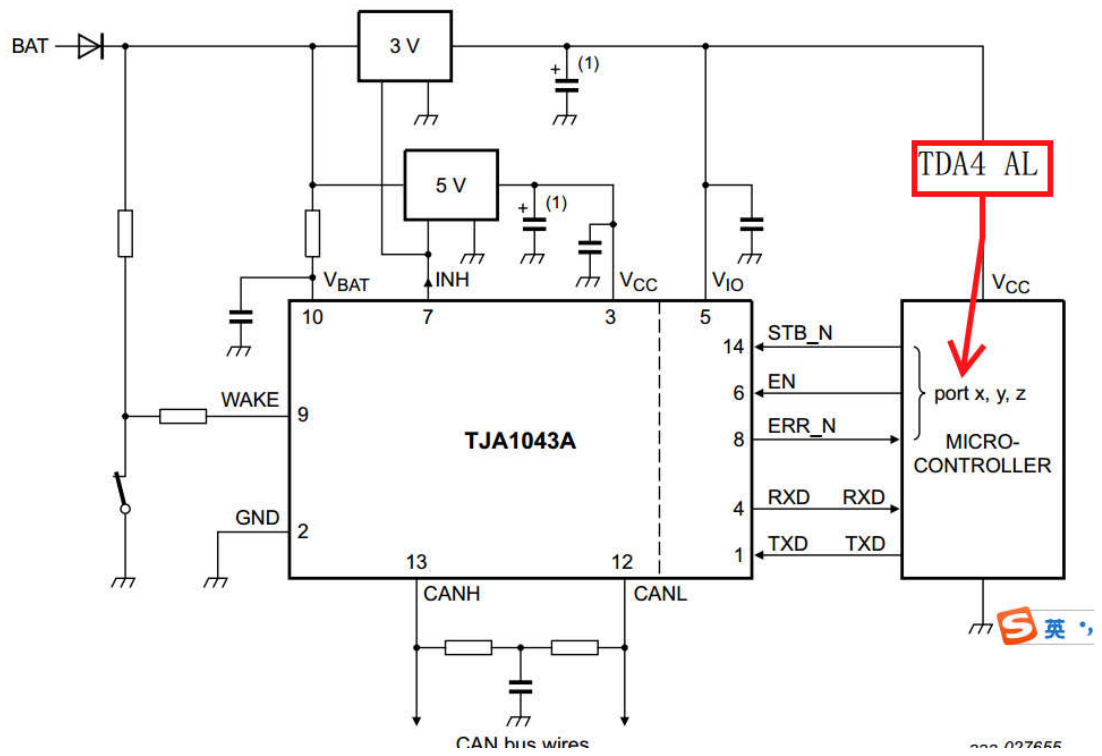


1. TJA1043 CAN transceiver work mechanism.



2. TDA4 to safe power down sequence

The TO_SAFE_SEVERE and TO_SAFE are distinct sequences that occur before transitioning to the SAFE state. Both sequences shut down all rails without delay and force EN_DRV low. The TO_SAFE_SEVERE sequence immediately ceases BUCK switching and enables the pulldown resistors of the BUCKs and LDOs. The pulldown is enabled to prevent any damage of the PMICs in case of over voltage on VCCA or thermal shutdown. The timing is illustrated in Figure 6-2. The TO_SAFE sequence does not reset the BUCK regulators until after the regulators are turned off.

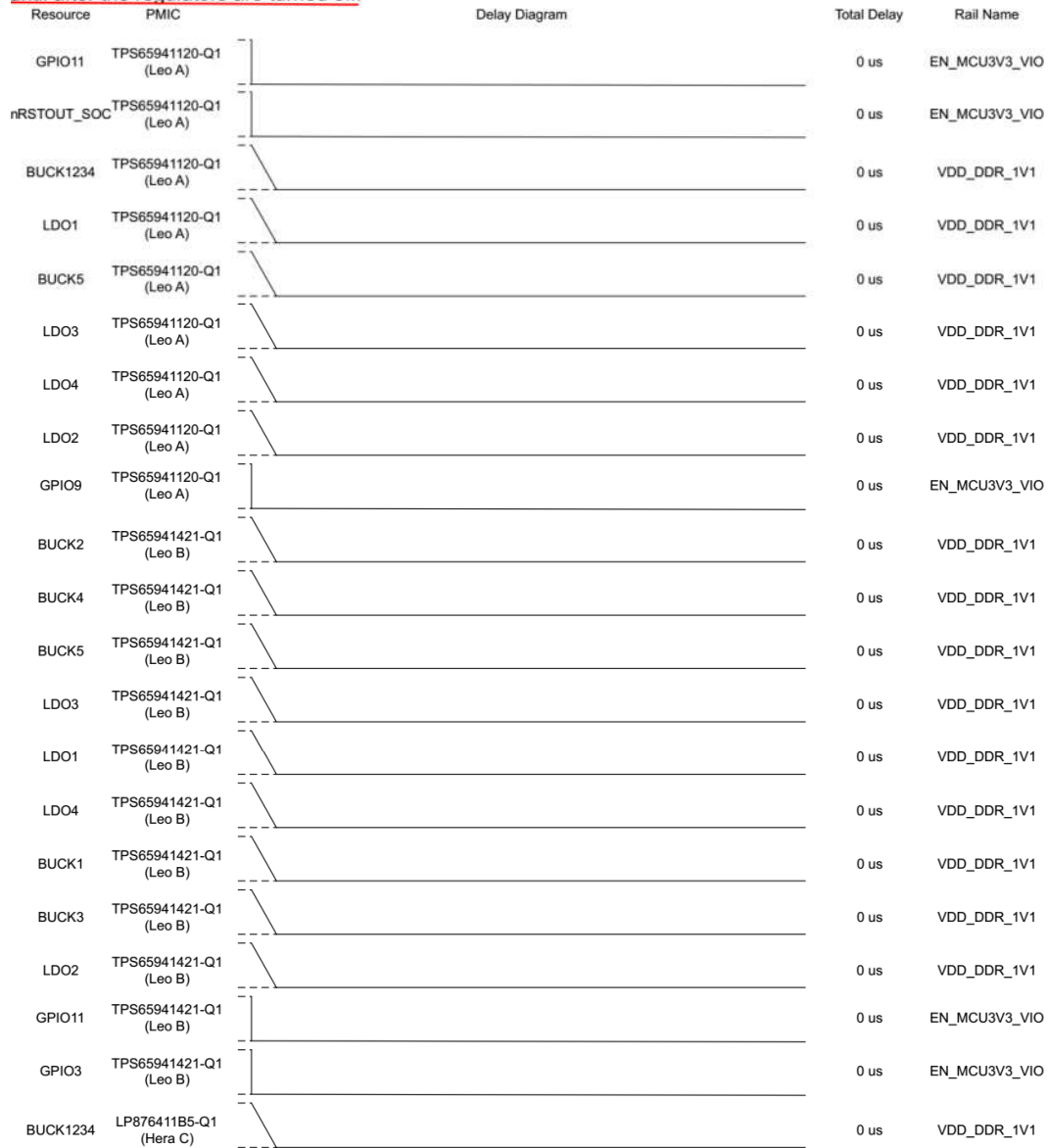


Figure 6-2. TO_SAFE_SEVERE and TO_SAFE Power Sequences