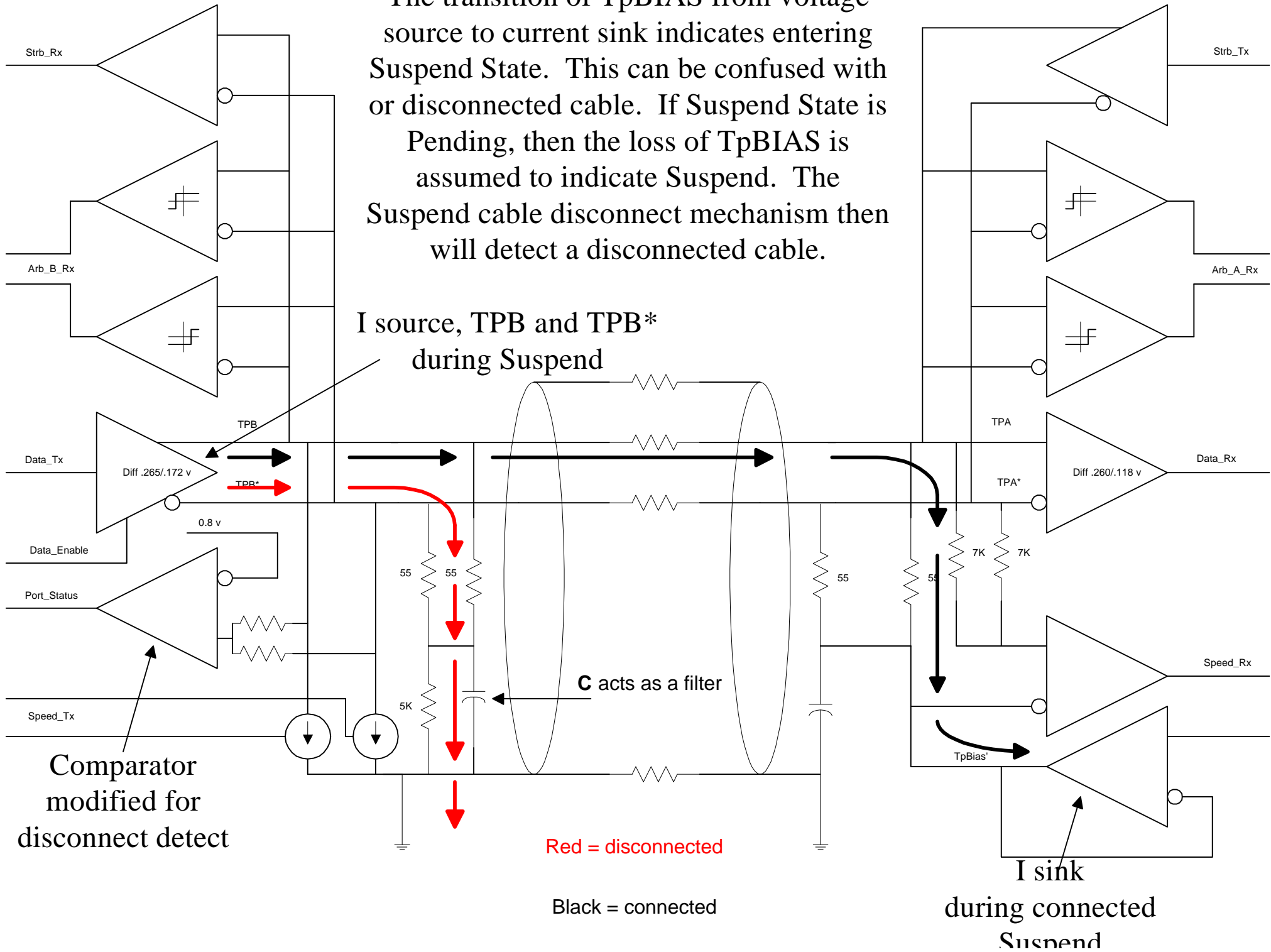


The transition of TpBIAS from voltage source to current sink indicates entering Suspend State. This can be confused with or disconnected cable. If Suspend State is Pending, then the loss of TpBIAS is assumed to indicate Suspend. The Suspend cable disconnect mechanism then will detect a disconnected cable.

I source, TPB and TPB* during Suspend



Comparator modified for disconnect detect

Red = disconnected

Black = connected

I sink during connected Suspend

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