

Fig. 2. The TPS92682-Q1 is a dual-channel, peak current-mode controller with an SPI communication interface. The device is programmable to operate in constant-voltage (CV) or constant-current (CC) modes. In CV mode, this controller can be programmed to operate as two independent or dual-phase boost voltage regulators.

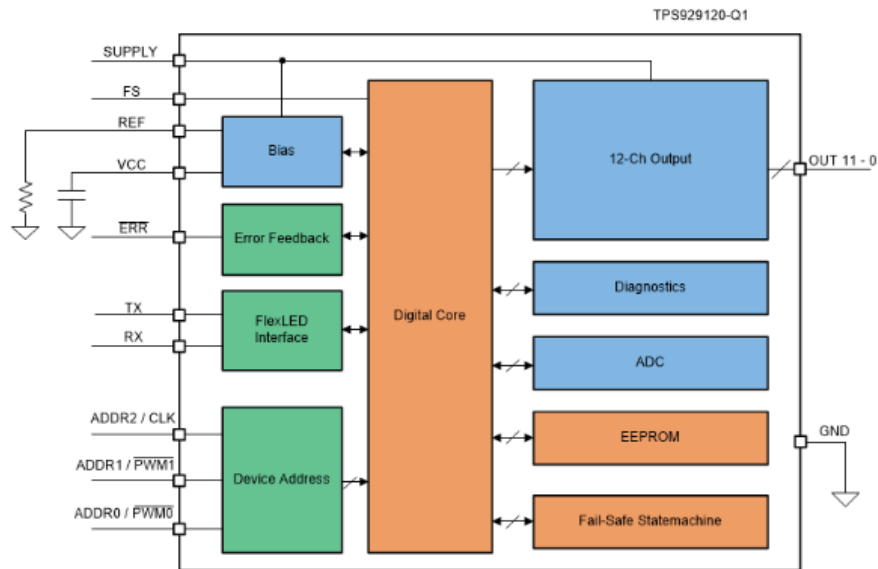


Fig.3. The TPS929120 is a 12-channel 40-V highside LED driver. By using an industrial-standard CAN physical layer, the UART-based FlexWire interface of this LED driver easily accomplishes long distance off-board communication without impacting EMC.