## Generate 1V8 from SP header's 3V3 input using an LDO U1 LM1117-1.8 +178 GNDREF QSPI Mux: NC=SP connection (IN1 + IN2 Low) NO=SP3 connection (IN1 + IN2 High) +3.3V ADG3308BCPZ SP Connection SP\_FLASH\_RESET\_L\_1V8 A4 RESET Matches gimletlet QSPI Header. XTRA7 is FLASH\_RESET\_L XTRA10 is SP\_FLASH\_MUX\_SELECT SP\_QSPI\_IO3 20 SP\_QSPI\_IO2 1 SP\_QSPI\_IO1 2 A3 SP\_FLASH\_DQ3\_1V8 SP\_FLASH\_DQ2\_1V8 SPI\_FLASH\_DQ3 SPI\_FLASH\_DQ2 D4 DQ3/HOLD COM1 C4 W/DQ2 D2 DQ1 SP\_FLASH\_DQ1\_1V8 SPI\_FLASH\_DQ1 сомз SP\_QSPI\_IO0 3 SP\_QSPI\_CS 4 A5 SP\_FLASH\_DQ0\_1V8 SP\_FLASH\_CS\_L\_1V8 SPI\_FLASH\_D0 COM4 SP\_QSPI\_CLK 5 SP\_FLASH\_CLK\_1V8 SPI\_FLASH\_CLK SP\_FLASH\_RESET\_L\_1V8 EN 20 SPI\_MUX\_EN\_L SP3\_QSPI\_I03 SP3\_QSPI\_I02 SP3\_QSPI\_I01 SP\_TRANS\_EN 8 EN IN1 14 FLASH\_MUX\_SELECT SP3\_QSPI\_IO0 SP3\_QSPI\_CS SP3\_QSPI\_CLK MT25QU256ABA8E12 GNDREF TS3A27518EPW GNDREF GNDREF GNDREF GNDREF AMD (SP3) Connection GNDREF Dupont header for connection to an SP3 dev system. Pin-out kept consistent with the Qspi but expects 1V8 voltage levels here Decoupling for ADG330BBCPZ Decoupling for Mux and Flash

## Manual Override headers

GNDREF

GNDREF

