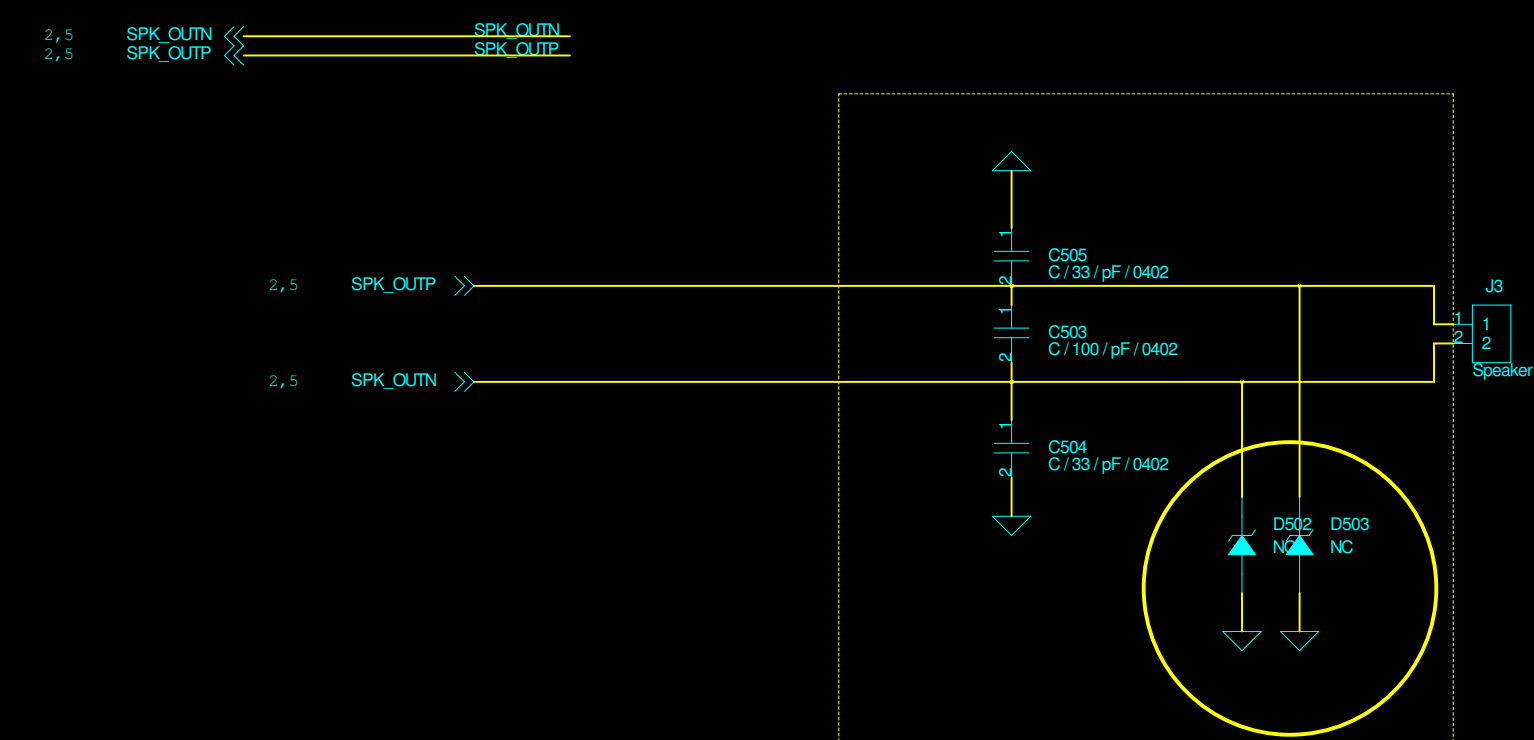


LSRSTB only for test mode, can't use for any part

LSCK can't have any pull up circuit

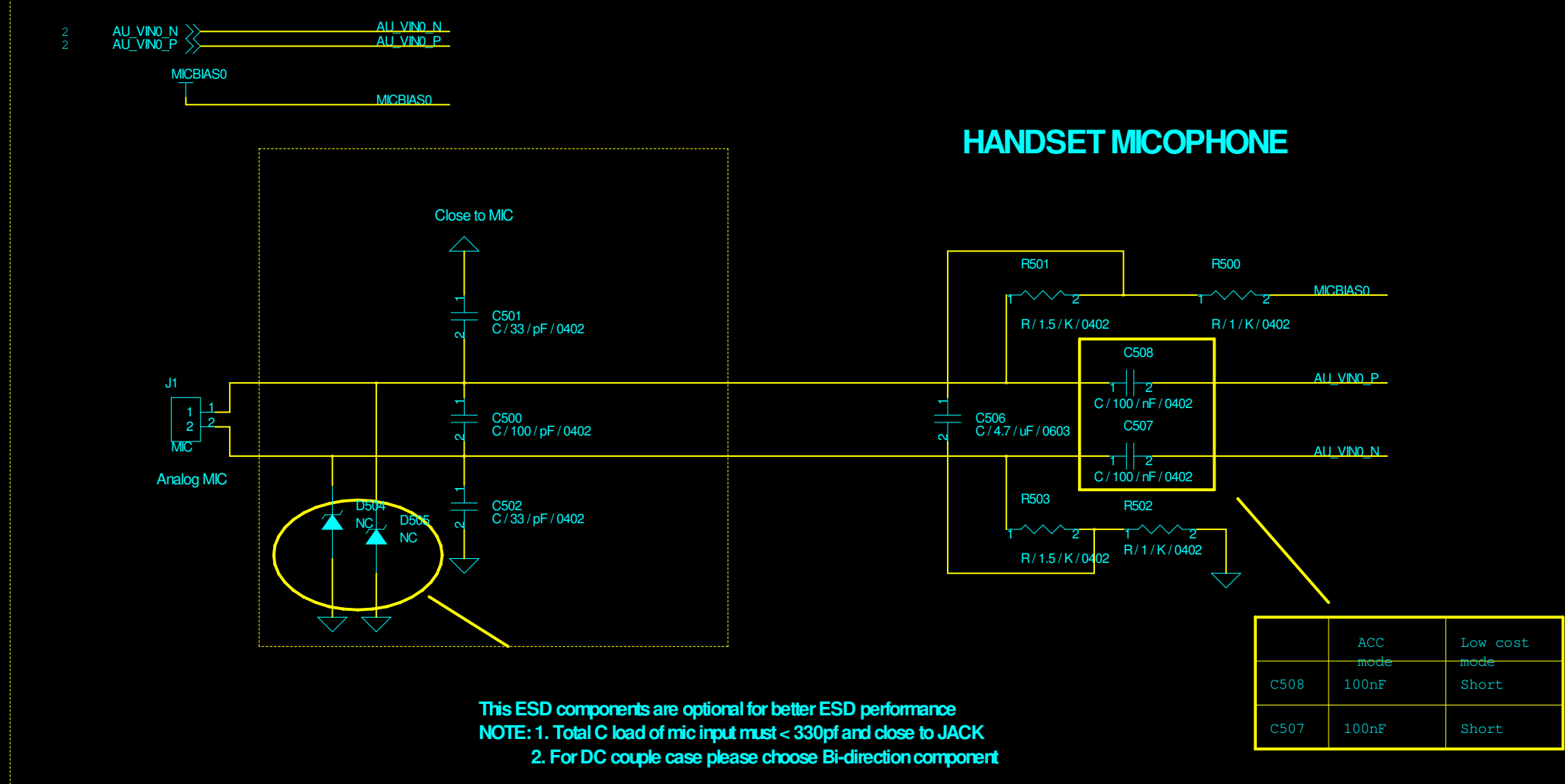
Lcm I/O power domain is VIO18, In sleep mode, VIO18 will shut off, if use LCM I/O for external device, please make sure, in sleep mode with shut off VIO18, the device is no leakage, and once again wake up system, can normal work. If have any question, please call MTR

Speaker



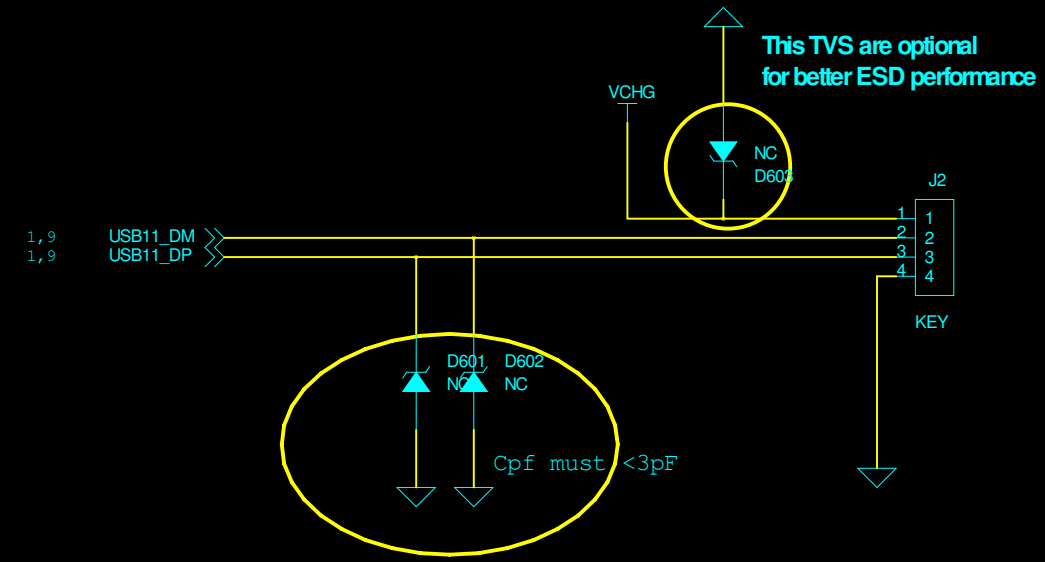
This ESD components are optional for better ESD performance
 NOTE: 1. Total C load of Audio output must < 330pf and close to JACK
 2. For DC couple case please choose Bi-direction component

MIC



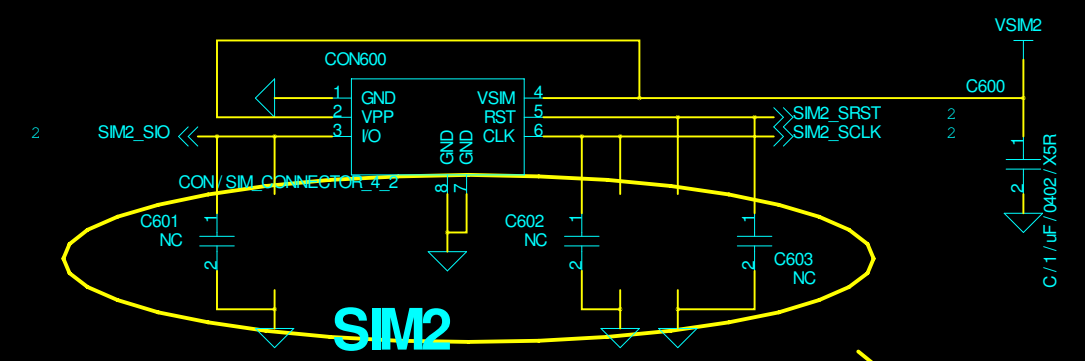
This ESD components are optional for better ESD performance
 NOTE: 1. Total C load of mic input must < 330pf and close to JACK
 2. For DC couple case please choose Bi-direction component

USB

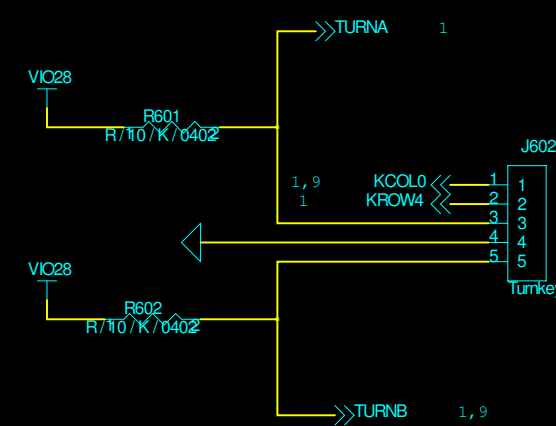
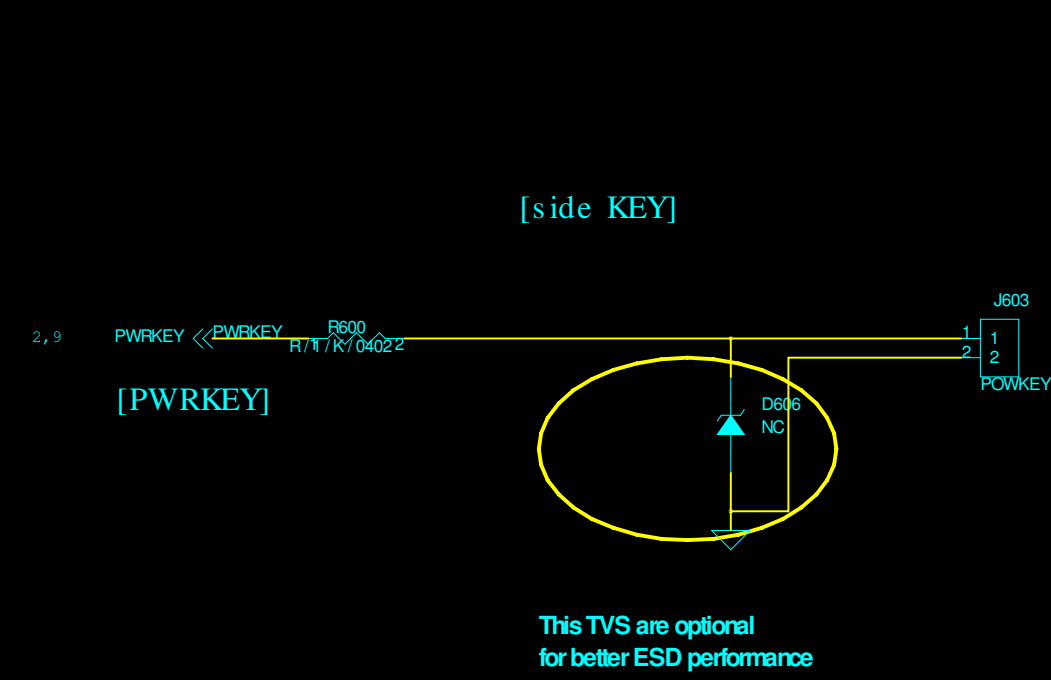


This ESD components are optional for better ESD performance
NOTE: 1. C load must < 3pf and close to JACK

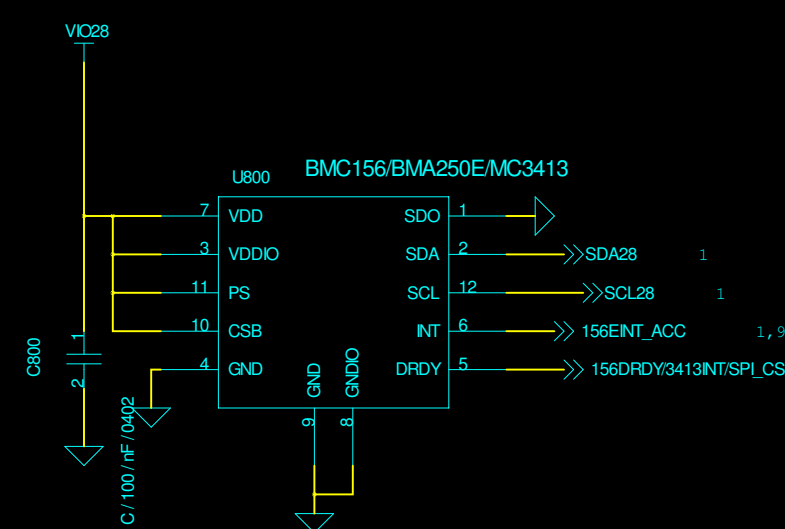
SIM



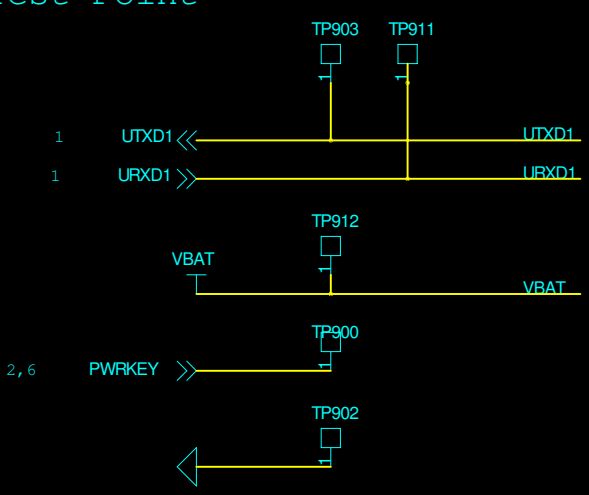
KEY



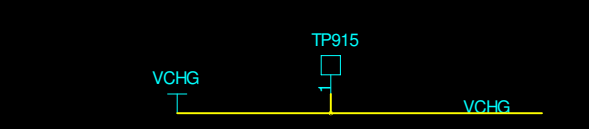
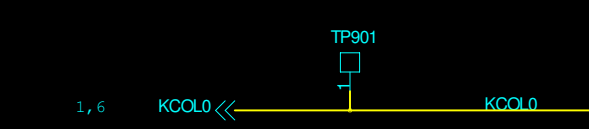
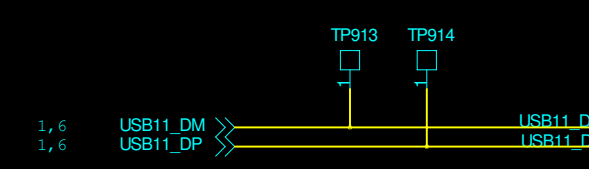
G-Sensor



Test Point

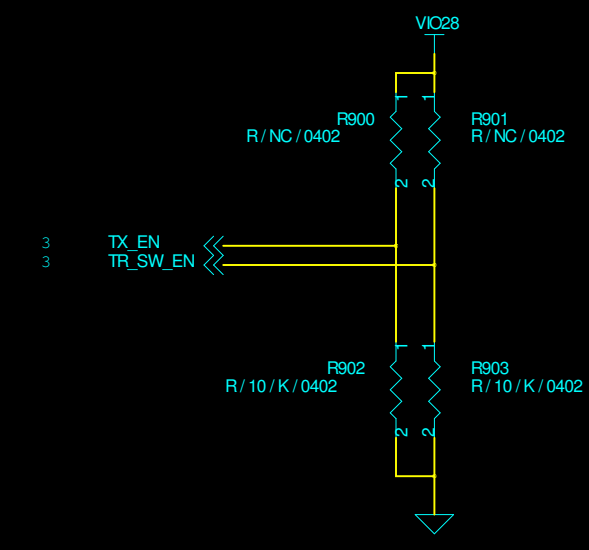


Must reserve uart ,vbat,gnd test point for debug



Must reserver usb ,vchg ,gnd ,kco10 test point for download and debug

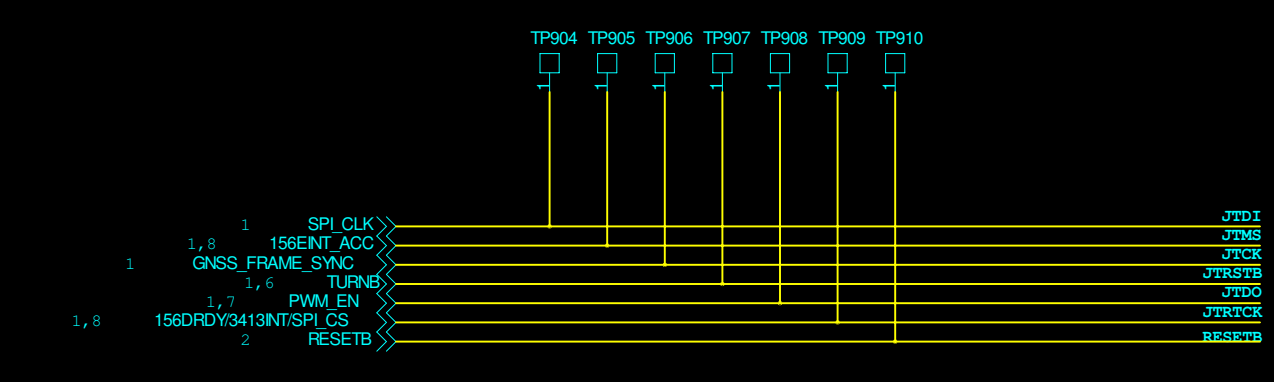
MCU JTAG Trapping



JTAG trap
 00:X(BPI_BUS1,BPI_BUS2)
 01:KEYPAD(BPI_BUS1,BPI_BUS2)
 10:Reserve
 11:CAM(BPI_BUS1,BPI_BUS2)

MT2502 JTAG MUX Keypad / CAM by HW trapping , Pull high use 10K , pull down use 10K

JTAG Test Point



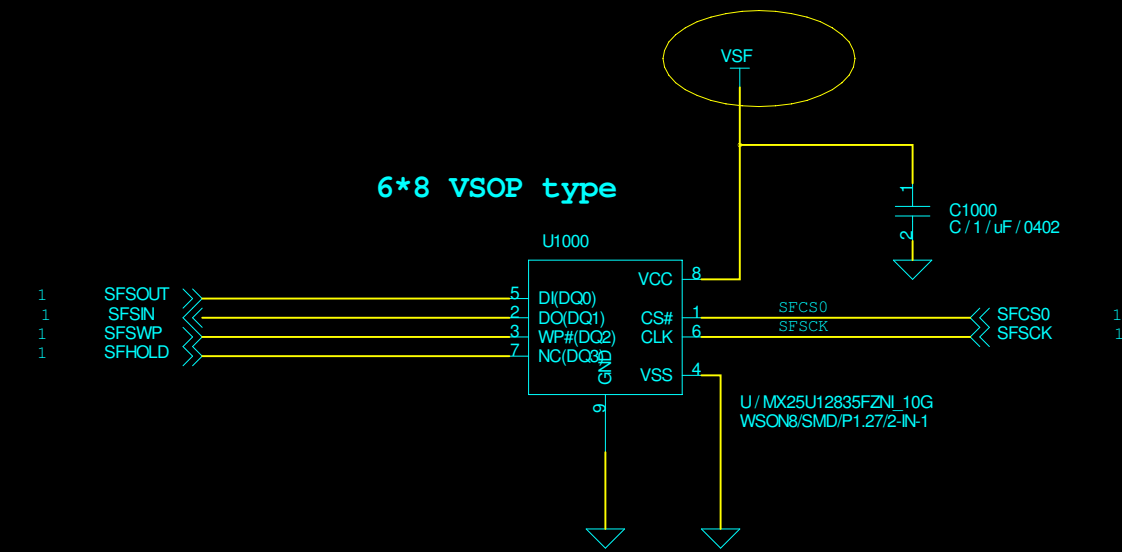
JTAG Pin mux with keypad , Please reserve test point on related GPIO / Keypad interface



Serial Flash

Shielding case all sheet

MXIC MX25U12835FZNI-10G,
1.8V, 128Mb, WSON 6*8:



SHOLD : SIO3

SWP : SIO2

SOUT : SQI_SI : DQ0

SIN : SQI_SO : DQ1 **Option only for MT2502A**