CHANGES REV04 to REV05

1) J5 changed to 3 pin jumper to select 3.3V or 1.8V, added 3pin jumpers for each bank
2) PWR connector type changed THT->SMD
3) changed FT2232 different IC package (56pins)
4) changed micro SD-card slot
5) changed micro-USB
6) added series resistors 10K to FLED0,FLED1 and connect to CPLD
7) added serial number (tracebility pad)

23.11.2017:
8) U8 MP5010ADQ-LF-Z replaced to MP5010BDQ-LF-Z

CHANGES REV05 to REV06

1) microSD card connector (J3) changed to industrial
2) changed PB (S1) to industrial
3) replaced input power protection
4) added jumper (J11) to select SD level shifter voltage on FPGA side
5) added power switch for SD level shifter supply voltages to ensure power sequencing of level shifter
6) replaced R5 and VBUS capacitors, add 0Ohm resistors to OTG-ID
7) replaced jumpers by SMD versions, moved VBAT to other position
8) routing length of diff pairs B34_L17, B34_L15, B34_L21, B34_L13, B34_L10, B34_L20 changed