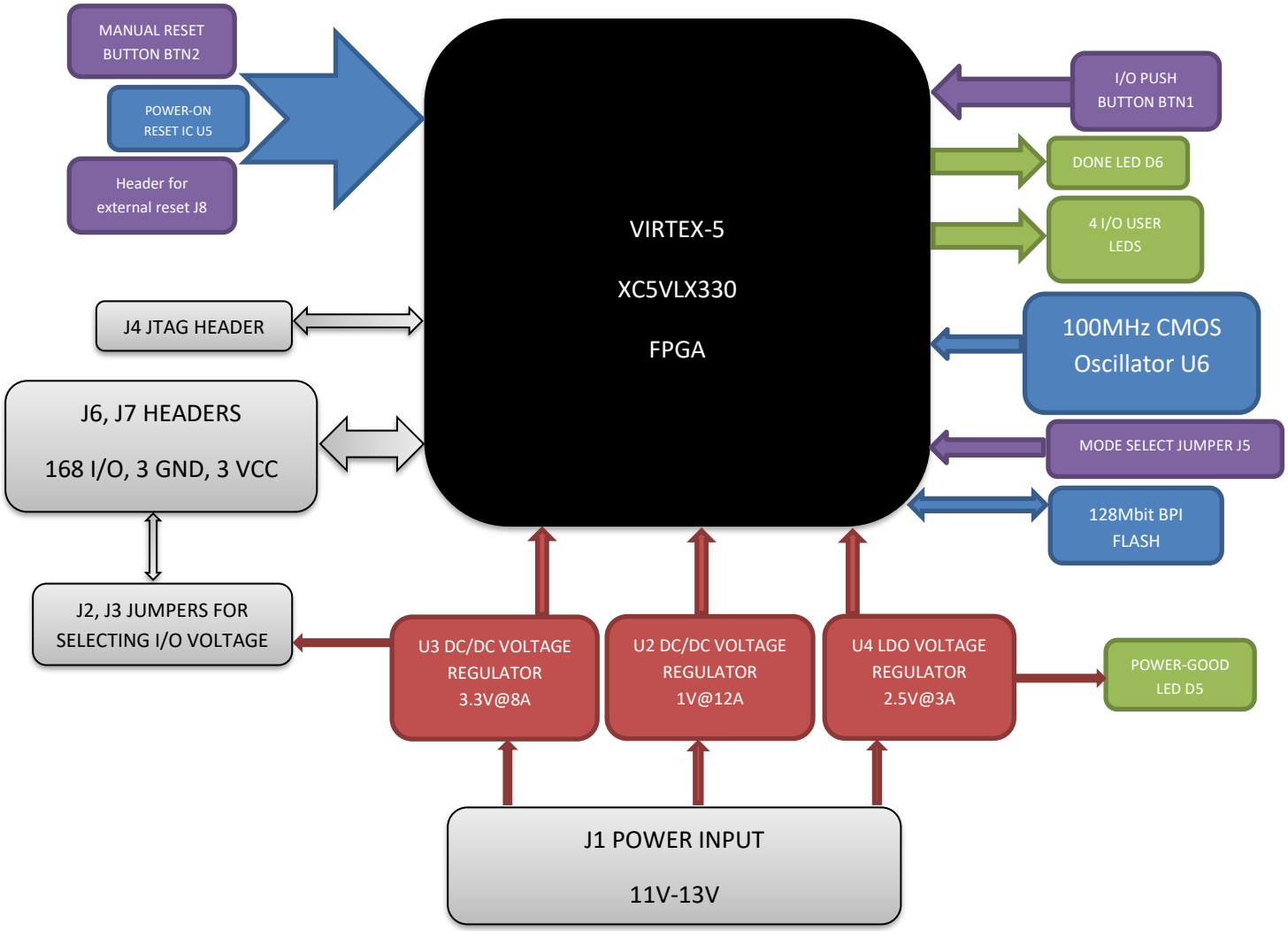
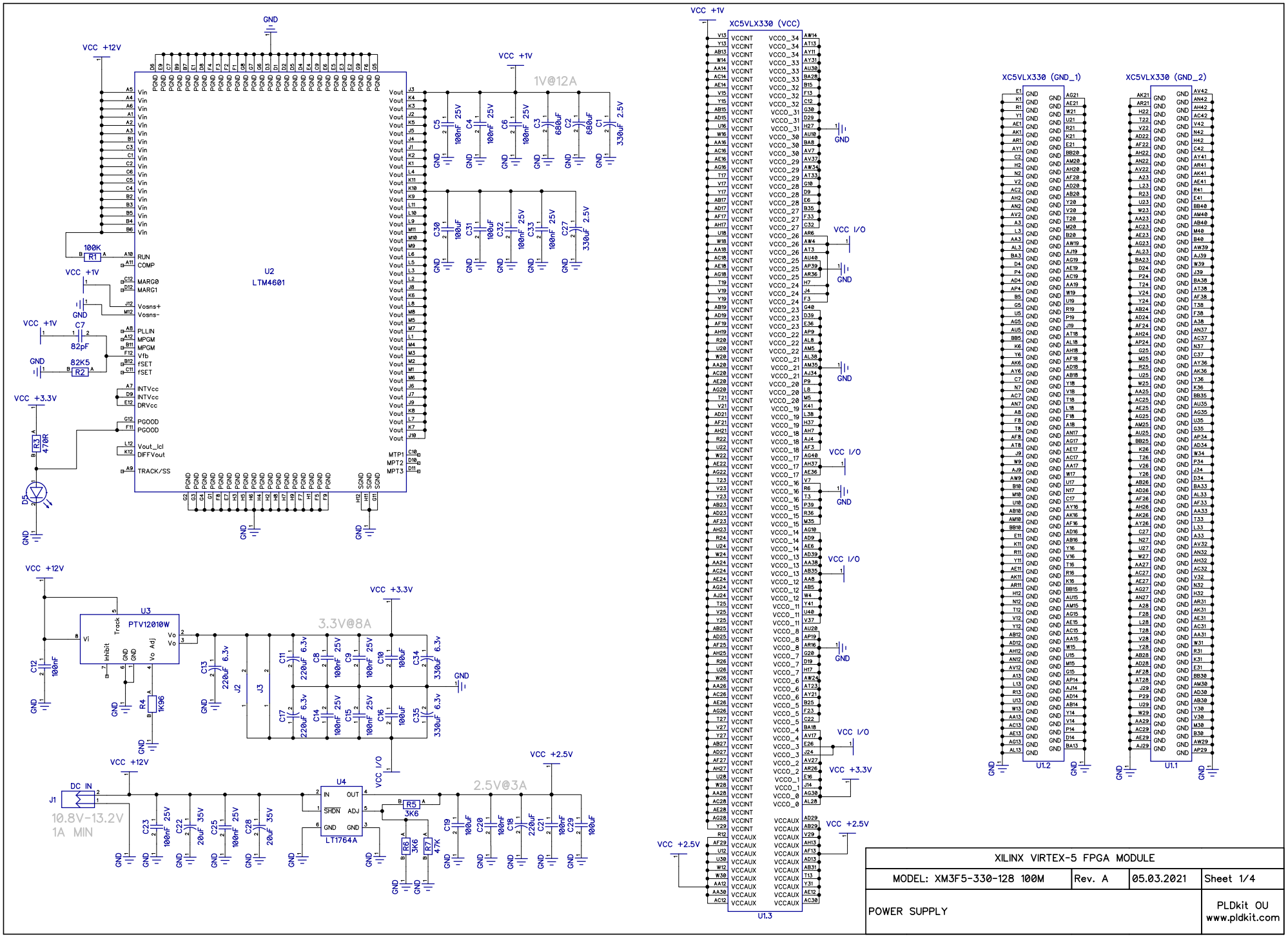
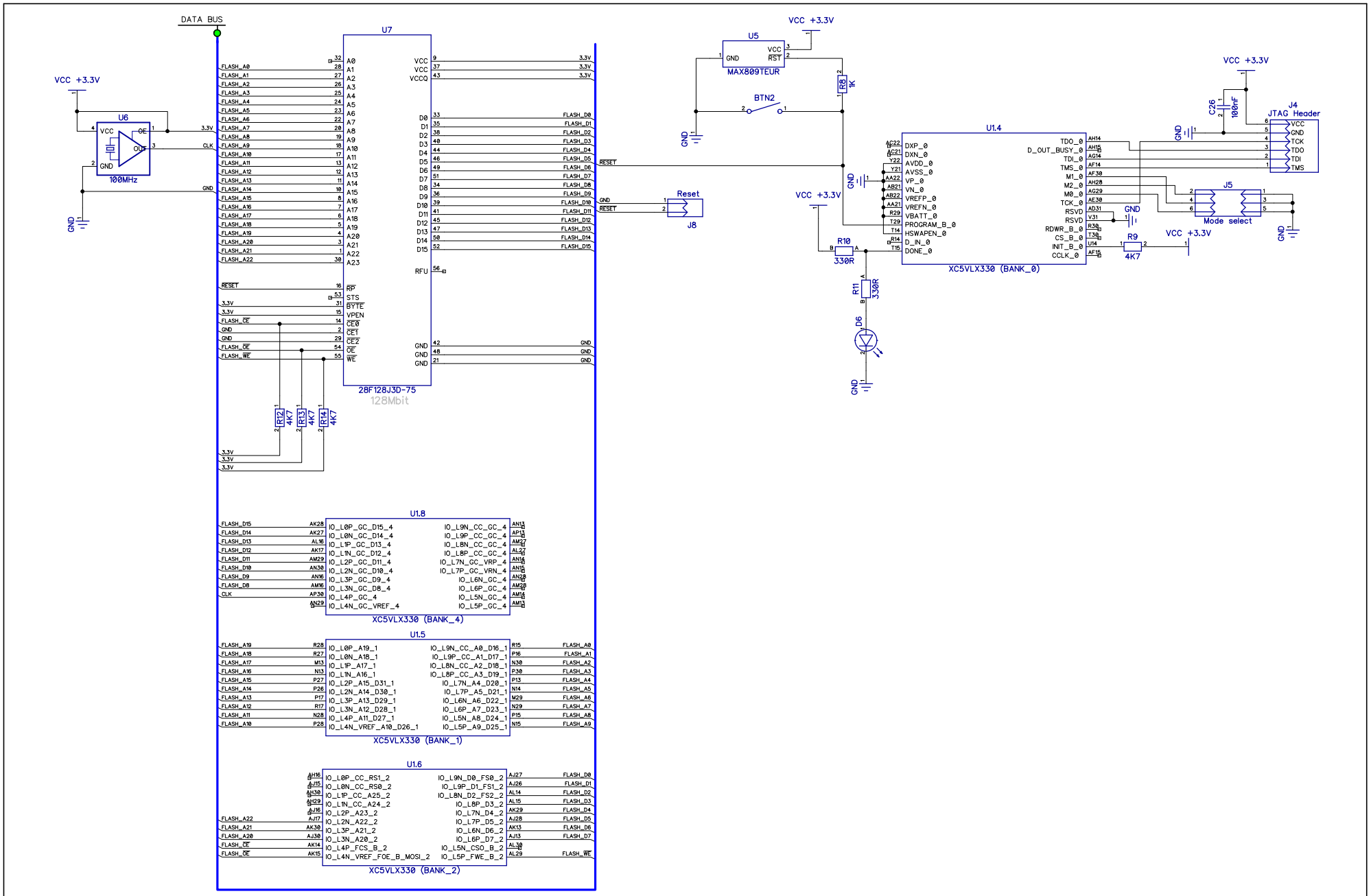
XILINX VIRTEX-5 FPGA MODULE BLOCK SCHEME

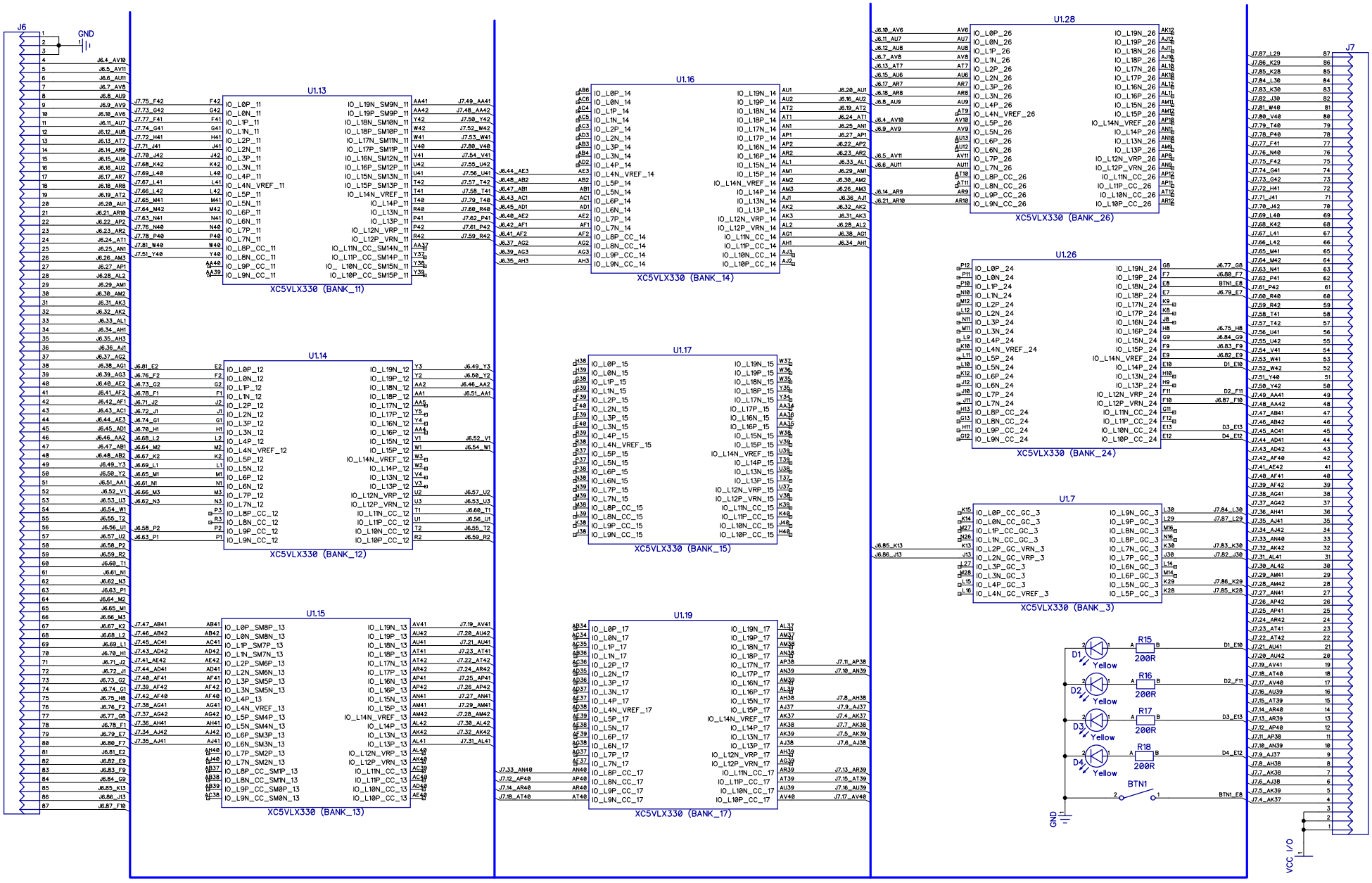
MODEL: XM3F5-330-128 100M Rev.A



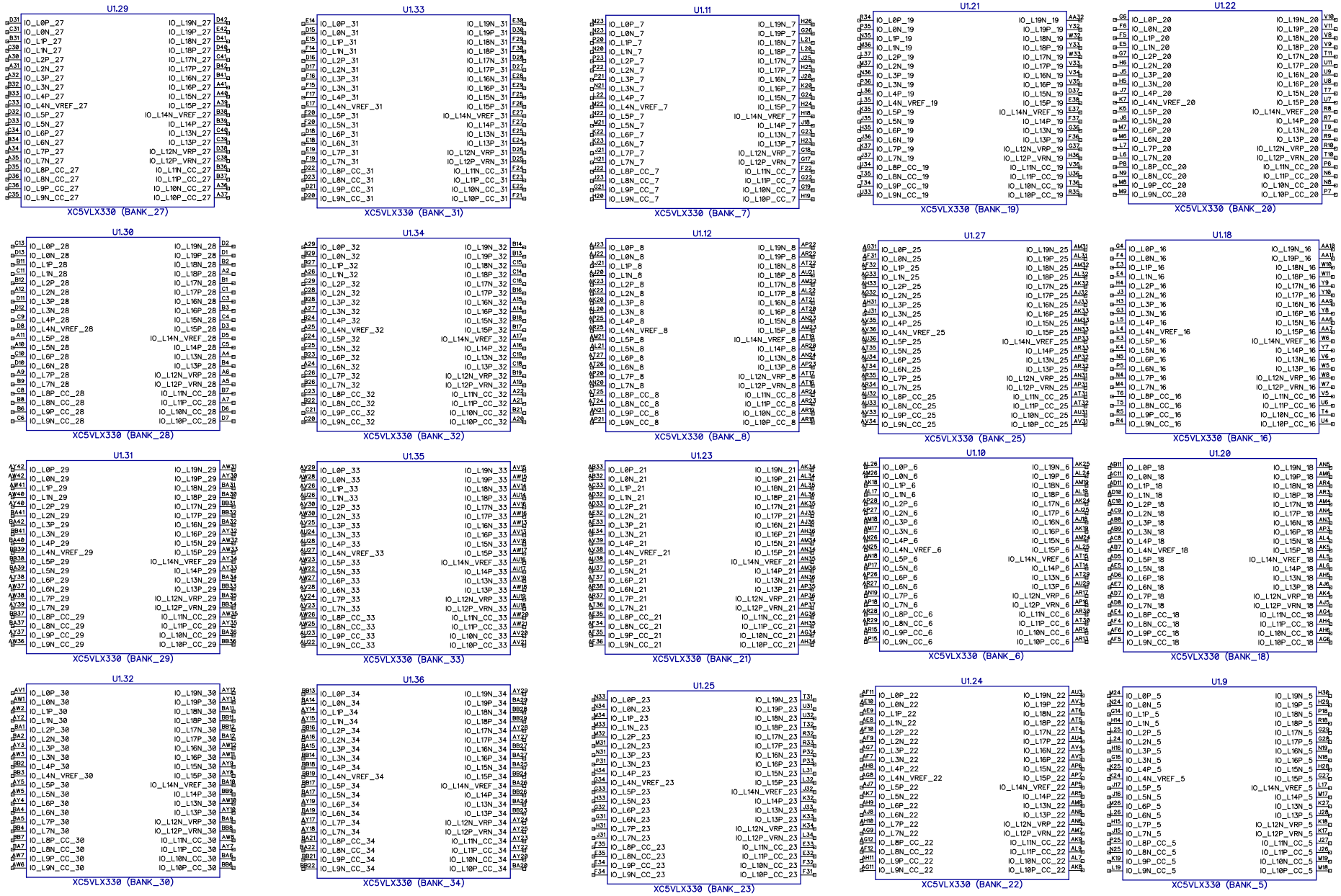

U2
LTM4601
1V@12A
U3
PTV12010W
3.3V@8A
U4
LT1764A
2.5V@3A
DC IN
J1
10.8V-13.2V
1A MIN
XC5VLX330 (VCC)
U1.3
XC5VLX330 (GND_1)
U1.2
XC5VLX330 (GND_2)
U1.1
XILINX VIRTEX-5 FPGA MODULE
MODEL: XM3F5-330-128 100M
Rev. A
05.03.2021
Sheet 1/4
POWER SUPPLY
PLDkit OU
www.pldkit.com



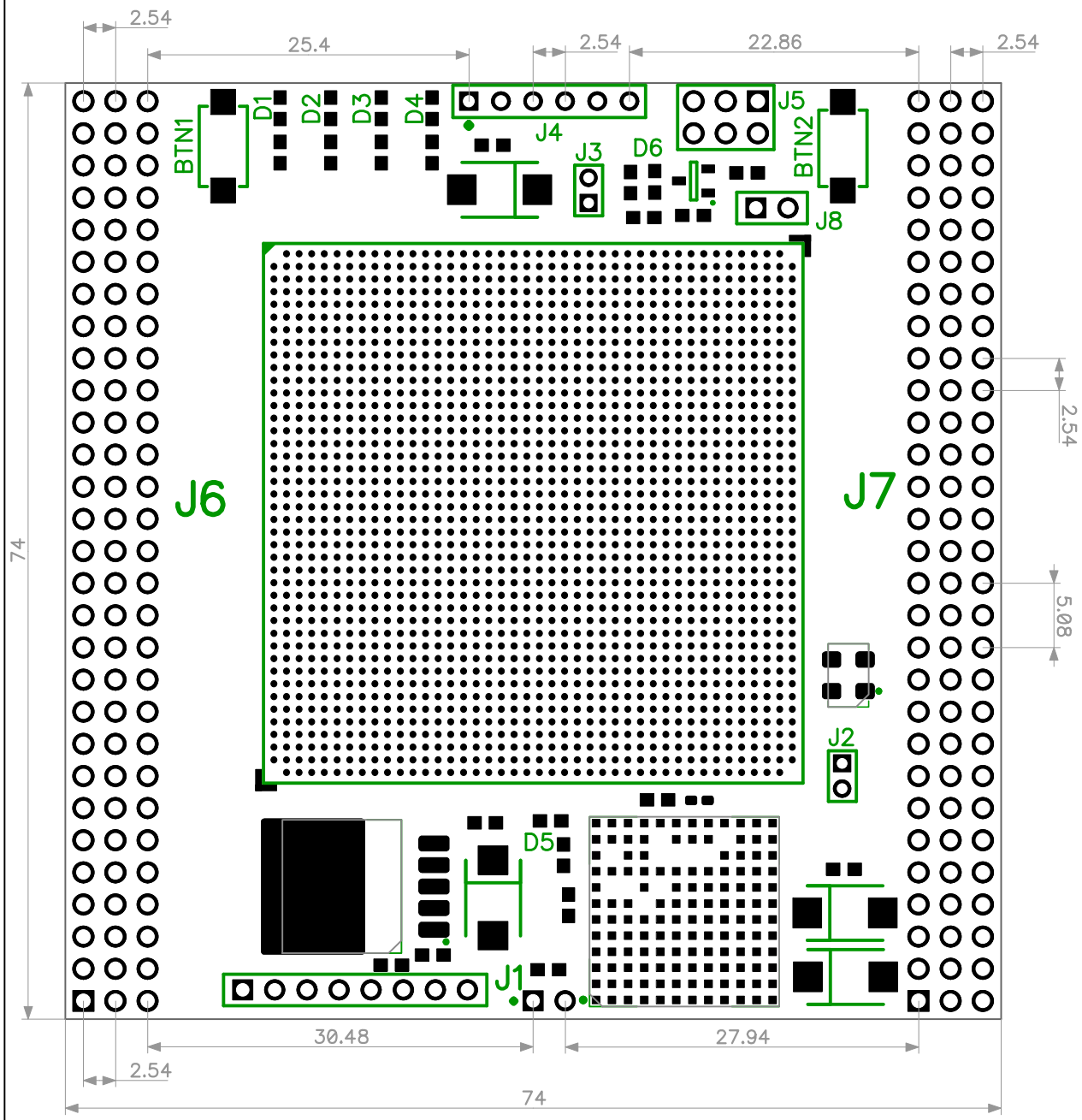
XILINX VIRTEX-5 FPGA MODULE			
MODEL: XM3F5-330-128 100M	Rev. A	05.03.2021	Sheet 2/4
JTAG, FLASH, CLOCK			PLDkit OU www.pldkit.com



XILINX VIRTEX-5 FPGA MODULE			
MODEL: XM3F5-330-128 100M	Rev. A	05.03.2021	Sheet 3/4
IO CONNECTORS			PLDkit OU www.pldkit.com

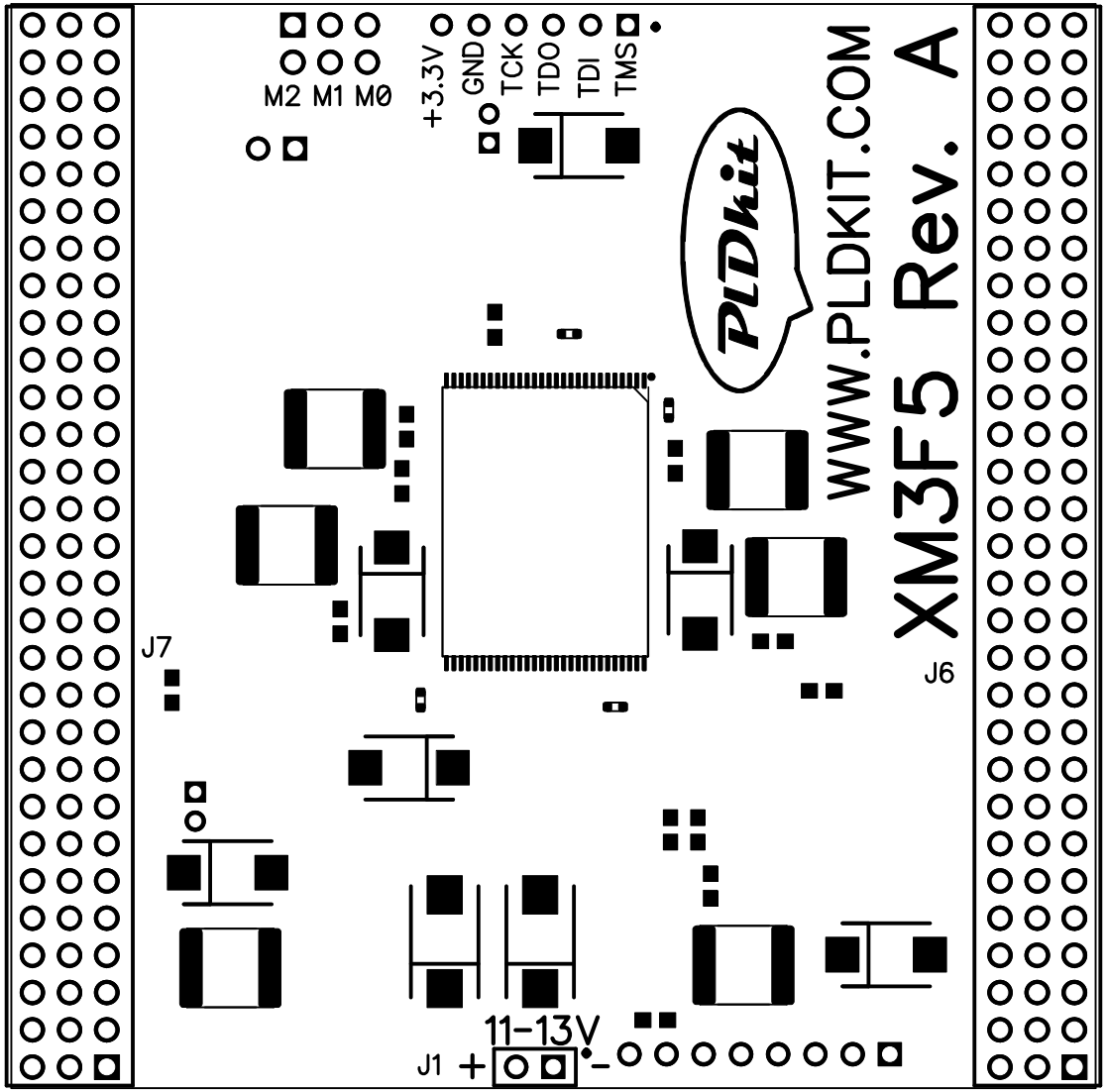


XILINX VIRTEX-5 FPGA MODULE			
MODEL: XM3F5-330-128 100M	Rev. A	05.03.2021	Sheet 4/4
UNUSED			PLDkit OU www.pldkit.com



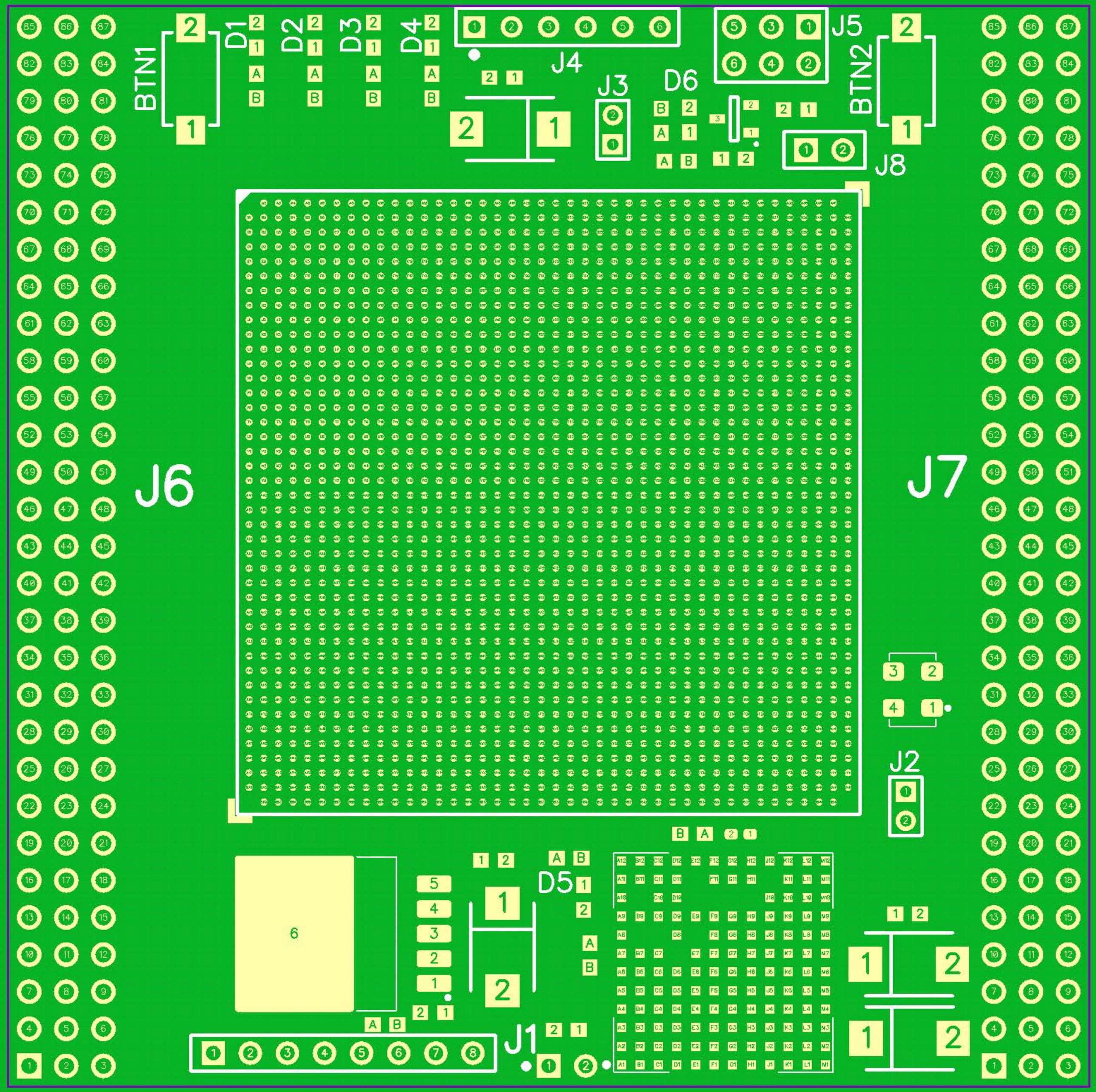
All dimensions in mm

XILINX VIRTEX-5 FPGA MODULE			
MODEL: XM3F5	Rev. A	05.03.2021	Sheet 1/1
PCB LAYOUT			PLDkit OU www.pldkit.com



All dimensions in mm

XILINX VIRTEX-5 FPGA MODULE			
MODEL: XM3F5	Rev. A	05.03.2021	Sheet 1/1
PCB LAYOUT			PLDkit OU www.pldkit.com


BTN1
D1
D2
D3
D4
J4
J3
D6
J5
BTN2
J8
J6
J7
J2
6
D5
J1