

U12

T12	RX	TXD	UART
U13	RXD		

C191

Tiny ZYNQ v1.0

VCCIO:3.3V

HDMI OUT

POWER

- LED4 R452
- D24
- C161 R443
- C190 R442
- C187 R437
- C154 R436
- C157 R439
- C188 R438
- C189 R441
- C158 R440

HDMI

CLK W18
D0 V20
D1 M19
D2 L19

CLK K18
50 Mhz

C173 C174 L8
C44 DONE
LED3 R446 R141
C176 C175

R10

HELLOFPGA.COM

VCCIO:3.3V

C172 U18 R164 R163 R162 L7 C169 C168 C170 C171 C163 C162

C166 U16 C164 C165 C178 C179 L9

C184 U7 R156 R165 R157 R158 R448 R449 C181 C180 U19 C177

TYPE C

USB IN
JTAG

GND 3V3
NC TMS
NC TCK
NC TDO
NC TDI

J15

KEY2 G15
KEY1
KEY1 F16

U11

TF CARD

LED1 D18 LED1 R50
LED2 R51
LED2 F20 LED2 R51
R6 R151

VCCIO:3.3V

BOOT S1

J2

R447 C148 R146 R147 R148 R5

R9

S2

ON J30

BOOT | S1 | S2
JTAG | ● | ●
QSPI | ○ | ○
SD | ○ | ○
ON | ● | ○

U13

SCL T20
 SDA T19
 EEPROM



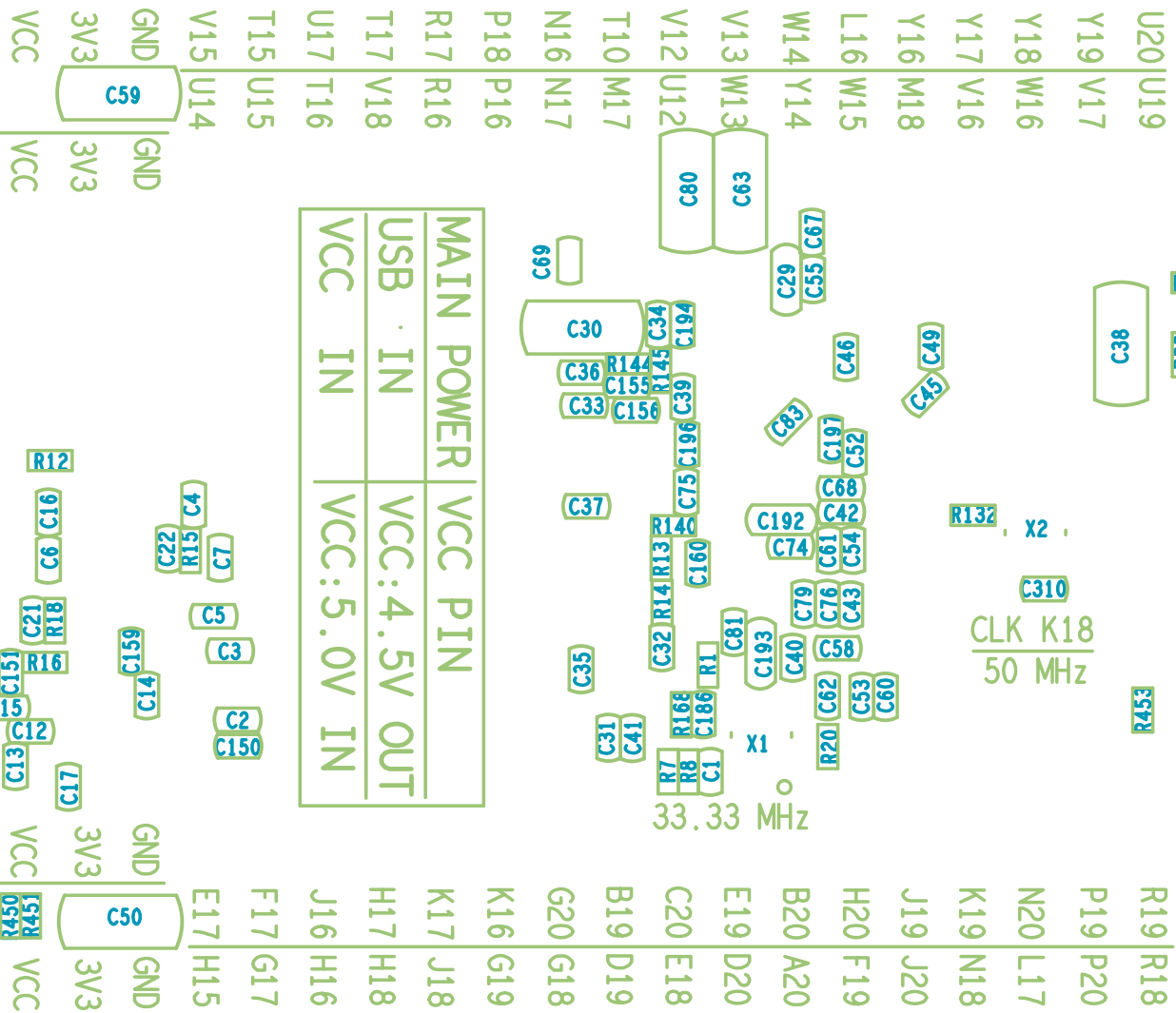
R132 x2



CLK K18
 50 MHz



X1
 33.33 MHz



MAIN POWER	VCC PIN
USB IN	VCC:4.5V OUT
VCC IN	VCC:5.0V IN