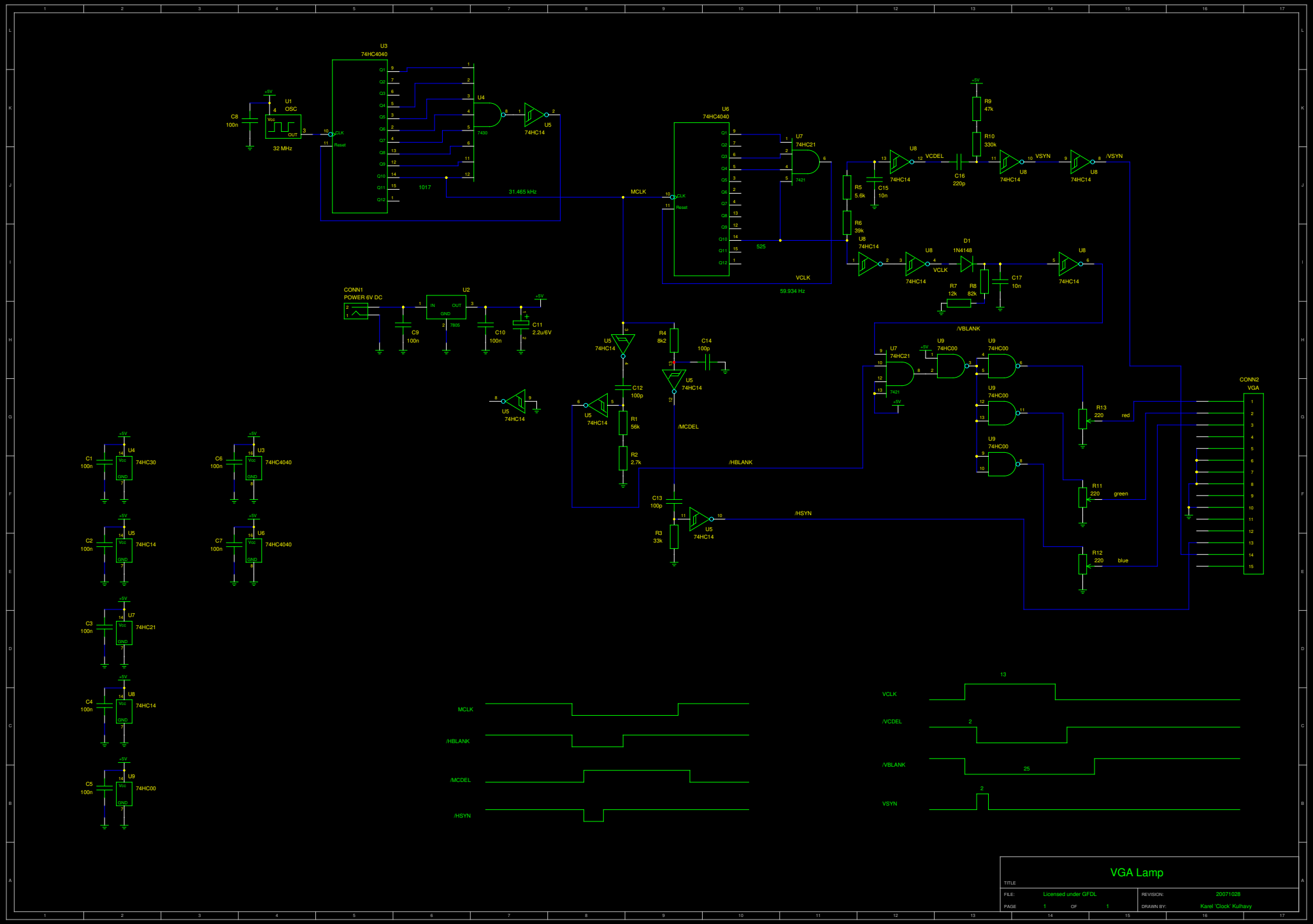
U3
74HC4040
U1
OSC
C8
100n
32 MHz
1017
U4
7430
U5
74HC14
31.465 kHz
MCLK
U6
74HC4040
U7
74HC21
525
59.934 Hz
VCLK
U8
74HC14
VCDEL
R9
47k
R10
330k
C16
220p
VSYN
/VSYN
R5
5.6k
C15
10n
R6
39k
D1
1N4148
C17
10n
R7
12k
R8
82k
/VBLANK
CONN1
POWER 6V DC
U2
7805
C9
100n
C10
100n
C11
2.2u/6V
R4
8k2
C14
100p
C12
100p
R1
56k
R2
2.7k
/MCDEL
/HBLANK
C13
100p
R3
33k
/HSYN
U9
74HC00
R13
220
red
R11
220
green
R12
220
blue
CONN2
VGA
C1
100n
U4
74HC30
C6
100n
U3
74HC4040
C2
100n
U5
74HC14
C7
100n
U6
74HC4040
C3
100n
U7
74HC21
C4
100n
U8
74HC14
C5
100n
U9
74HC00
MCLK
/HBLANK
/MCDEL
/HSYN
VCLK
/VCDEL
/VBLANK
VSYN
13
2
25
2
VGA Lamp
TITLE
FILE:
Licensed under GFDL
REVISION:
20071028
PAGE
1
OF
1
DRAWN BY:
Karel 'Clock' Kulhavy