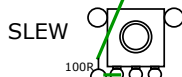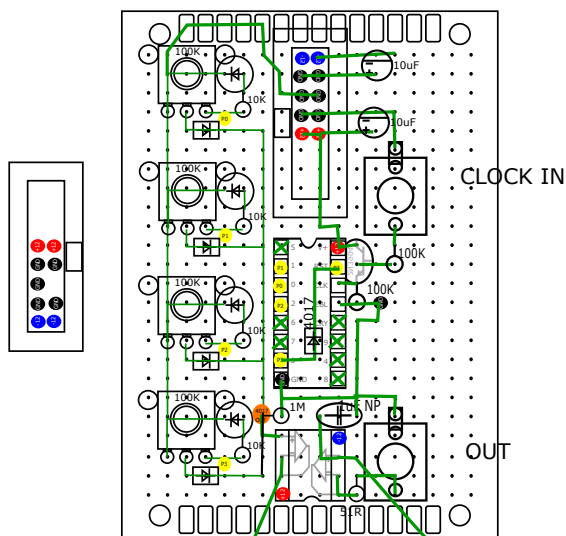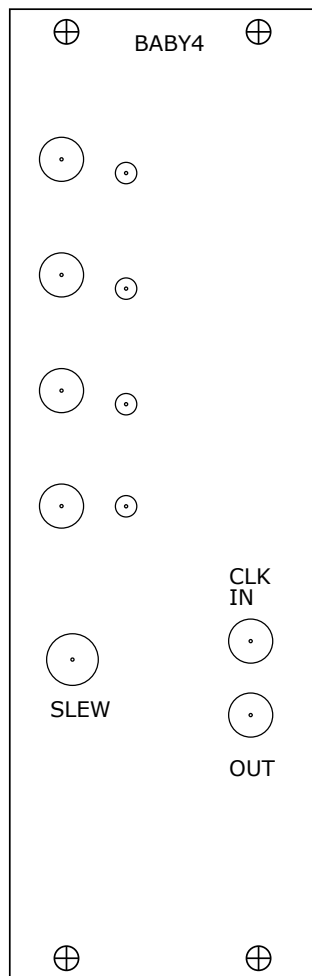# BABY4, most simple sequencer based on iconic Baby8

perf board: 24 x 18 points;
outline: 70X50mm
largest solder point distance 58.5x43mm
bohrungen 64 x 40 mm

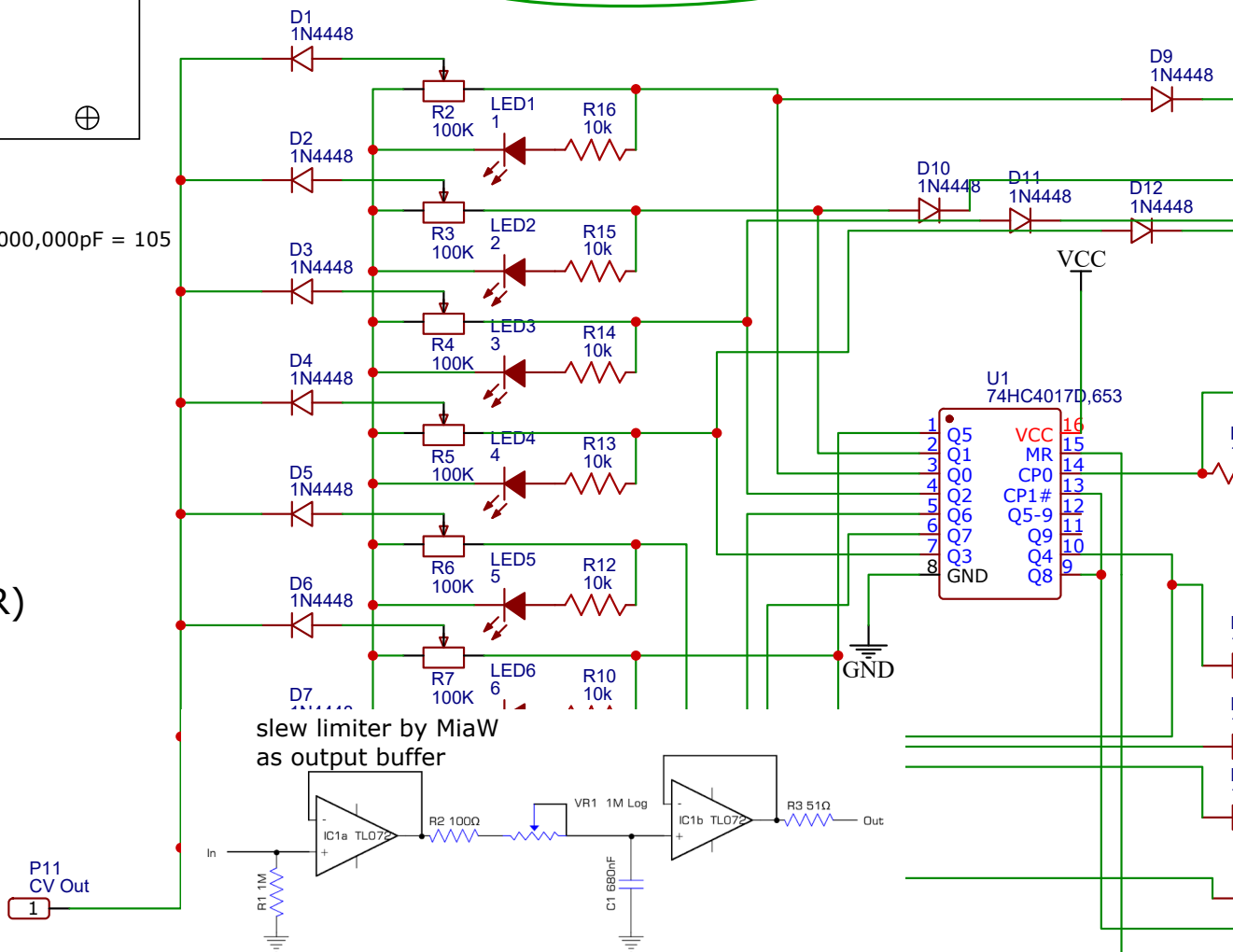BABY4   8HP
40.3

CLK IN

SLEW

OUT

CLOCK IN

100K

100K

OUT

10uF

10uF

100K
10K

SLEW

100R

CVs

1M

NP

1uF = 1,000nF = 1,000,000pF = 105

resistors
4M7
1M
100K x4
91K
1K   x2
10R   x2
(11pcs)
+2 for LED
(unknown R)

capacitors
100uF x2
10uF x2
1uFBP x3
(7pcs)

D1
1N4448

D2
1N4448

D3
1N4448

D4
1N4448

D5
1N4448

D6
1N4448

D7
1N4448

D9
1N4448

D10
1N4448

D11
1N4448

D12
1N4448

VCC

R2
100K

LED1
1

R16
10k

R3
100K

LED2
2

R15
10k

R4
100K

LED3
3

R14
10k

R5
100K

LED4
4

R13
10k

R6
100K

LED5
5

R12
10k

R7
100K

LED6
6

R10
10k

U1
74HC4017D,653

1	Q5	VCC	16
2	Q1	MR	15
3	Q0	CP0	14
4	Q2	CP1#	13
5	Q6	Q5-9	12
6	Q7	Q9	11
7	Q3	Q4	10
8	GND	Q8	9

GND

slew limiter by MiaW
as output buffer

In

IC1a TL07?

R2 100Ω

VR1 1M Log

IC1b TL07?

R3 51Ω

Out

R1 1M

C1 680nF

P11
CV Out

1

GND