1chip / junior switchless 50/60Hz mod

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Switch / Schalter

U3
PIC16F630
SuperCIC

+5V

U1 7400

S-CPUN pin 111
(lifted / angehoben)

Oscillators / Oszillatoren

U2 74HCU04

330 R2

U2 74HCU04

U2 74HCU04

PAL clock

U1 7400

X1
17.734MHz
PAL Quartz

1M R1

C1 22p
C2 22p

U1 7400

X1 right pin / rechter Pin
(S-CPUN pin 9)

U2 74HCU04

330 R4

U2 74HCU04

U2 74HCU04

NTSC clock

U1 7400

X2
21.477MHz
NTSC Quartz

1M R3

C3 22p
C4 22p