

Autor H.Bollig

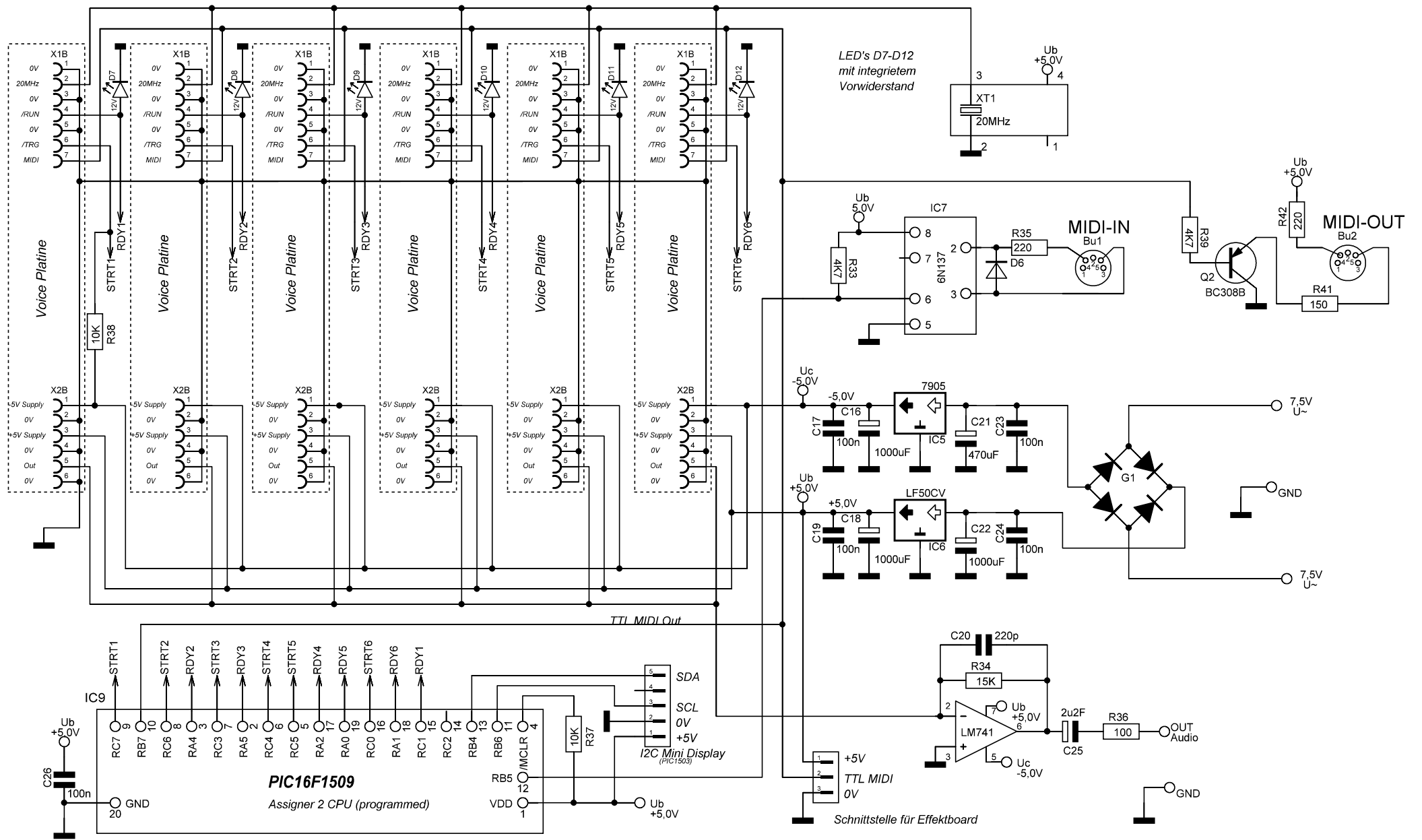
Erstellt: 19.05.2023

Vittelius 2-Synth - Voice VA - Synthesizer

Version : 1.0

Bl. Nr 1

Bl. 5

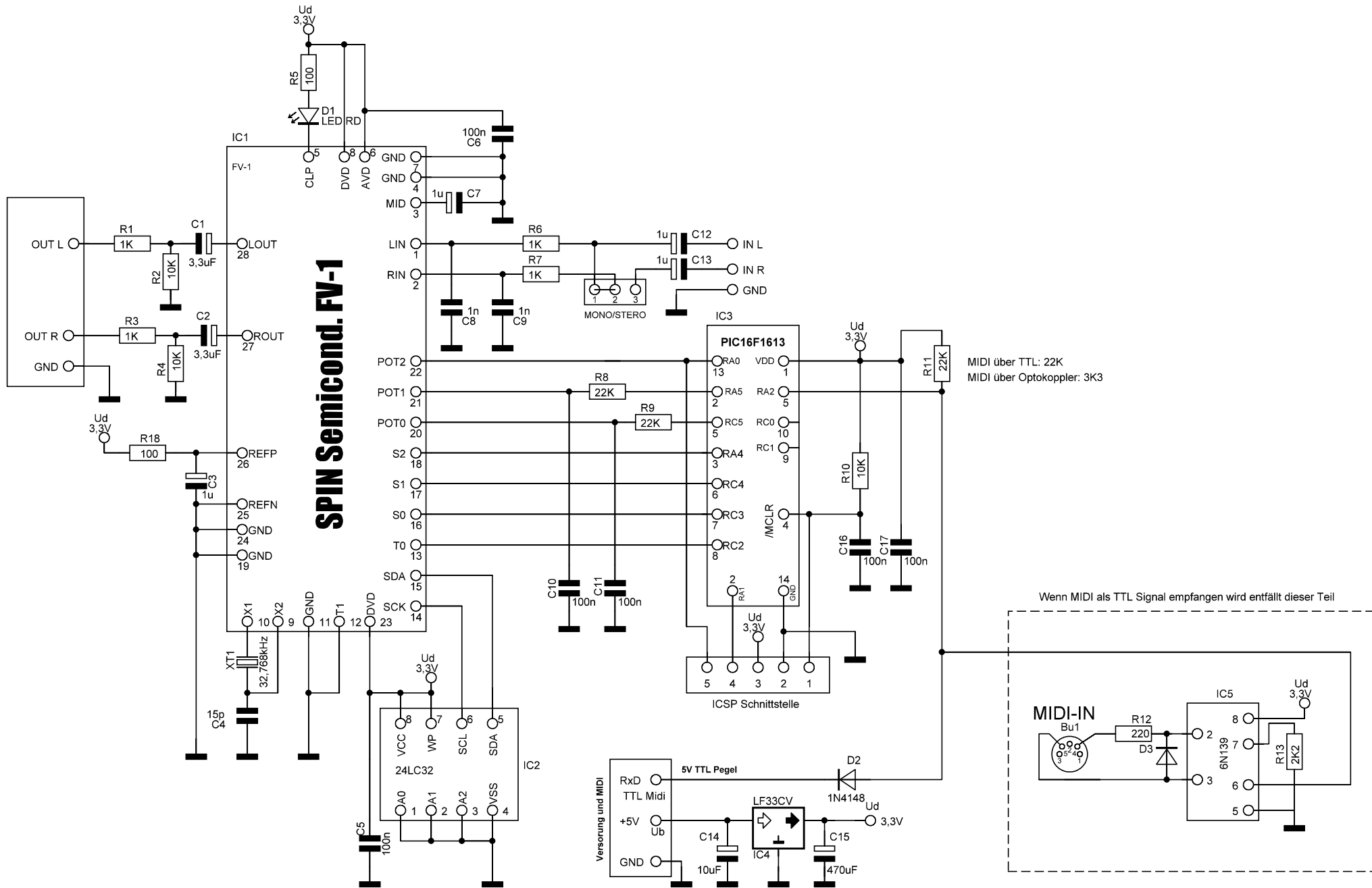


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 Erstellt: 19.05.2023

Vittelius 2 Synth Mainboard mit Assigner 2 CPU

Version : 1.1

Bl. Nr 2
 Bl. 5



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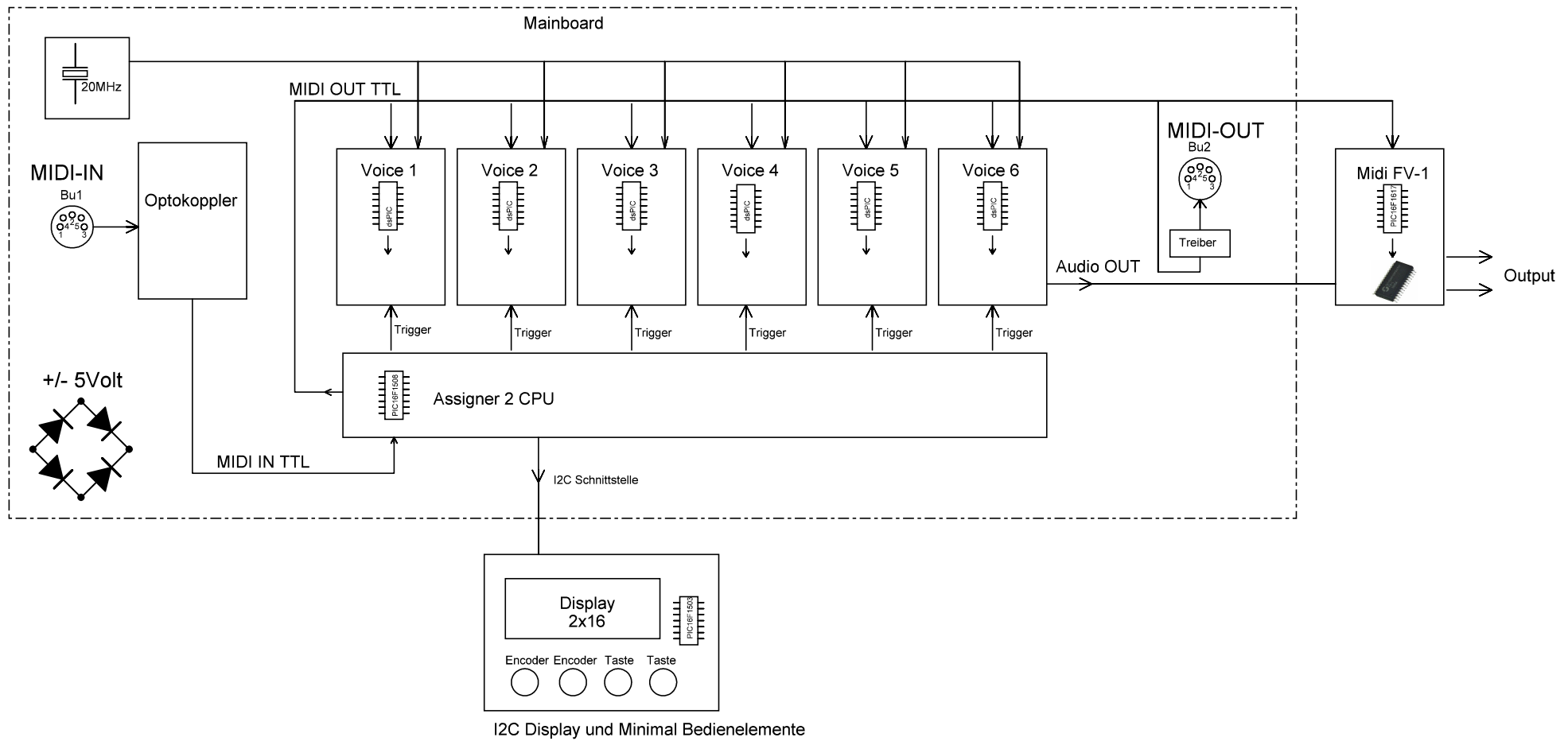
Erstellt: 19.05.2023

Midi FV1 - Effekt Borad
Ansteuerung FV-1 Chip mit PIC16F1613

Version : 1.0

Bl. Nr 3

Bl. 5



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Erstellt: 19.05.2023

Synth Blockschaltbild

Synthesizer mit Assigner 2, Voice LM389N

Version : 1.0

Bl. Nr 4

Bl. 5

Stückliste Voice

C1□ = 1n
C2□ = 100u
C3□ = 100n
C4□ = 680p
C5□ = 220n
C6□ = 3n3
C7□ = 2u2
C8□ = 100n

IC1□ = AVR128DB28

R1□ = 2K2
R2□ = 22K
R3□ = 8K2
R4□ = 2K2

Stückliste Mainboard

Bu1□ = DIN-Buchse 5pol
Bu2□ = DIN-Buchse 5pol

C16□ = 1000uF
C17□ = 100n
C18□ = 1000uF
C19□ = 100n
C20□ = 220p
C21□ = 470uF
C22□ = 1000uF
C23□ = 100n
C24□ = 100n
C25□ = 2u2F
C26□ = 100n

D6□ = 1N4148
D7□ = 12V
D8□ = 12V
D9□ = 12V
D10□ = 12V
D11□ = 12V
D12□ = 12V

G1□ = BY

IC5□ = 7905
IC6□ = LF50CV
IC7□ = 6N137
IC9□ = PIC16F1509

LM741□ =

Q2□ = BC308B

R33□ = 4K7
R34□ = 15K
R35□ = 220
R36□ = 100
R37□ = 10K
R38□ = 10K
R39□ = 4K7
R41□ = 150
R42□ = 220

XT1□ = 20MHz

Stückliste Midi FV-1

Bu1□ = DIN-Buchse 5pol

C1□ = 3,3uF
C2□ = 3,3uF
C3□ = 1u
C4□ = 15p
C5□ = 100n
C6□ = 100n
C7□ = 1u
C8□ = 1n
C9□ = 1n
C10□ = 100n
C11□ = 100n
C12□ = 1u
C13□ = 1u
C14□ = 10uF
C15□ = 470uF
C16□ = 100n
C17□ = 100n

D1□ = LED RD
D2□ = 1N4148
D3□ = 1N4148

IC1□ = FV-1
IC2□ = 24LC32
IC3□ = PIC16F1613
IC4□ = LF33CV
IC5□ = 6N139

R1□ = 1K
R2□ = 10K
R3□ = 1K
R4□ = 10K
R5□ = 100
R6□ = 1K
R7□ = 1K
R8□ = 22K
R9□ = 22K
R10□ = 10K
R11□ = 22K
R12□ = 220
R13□ = 2K2
R18□ = 100

XT1□ = 32,768kHz

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Stücklisten
Synthesizer mit LM389N

Version : 1.0

Bl. Nr 5

Bl. 5

