

Testing the MOSFET's

SBL Micro V2

Parts

BEC

BEC for 2 Servos

BEC for 4 Servos

BEC testing

The processor

Processor part 1

Processor part 2

Testing the processor

The output stage

Output stage control

Testing output stage control

MOSFET's

Testing the MOSFET's

Filter capacitors

Soldering the filter capacitors

Testing filter capacitors

EMF Evaluation

Soldering EMF parts

Testing EMF

Remaining parts

Completion

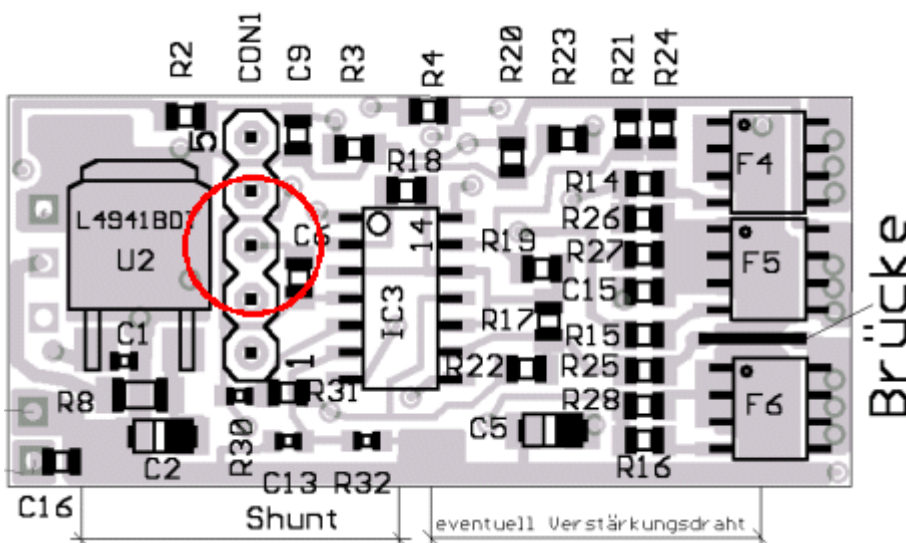
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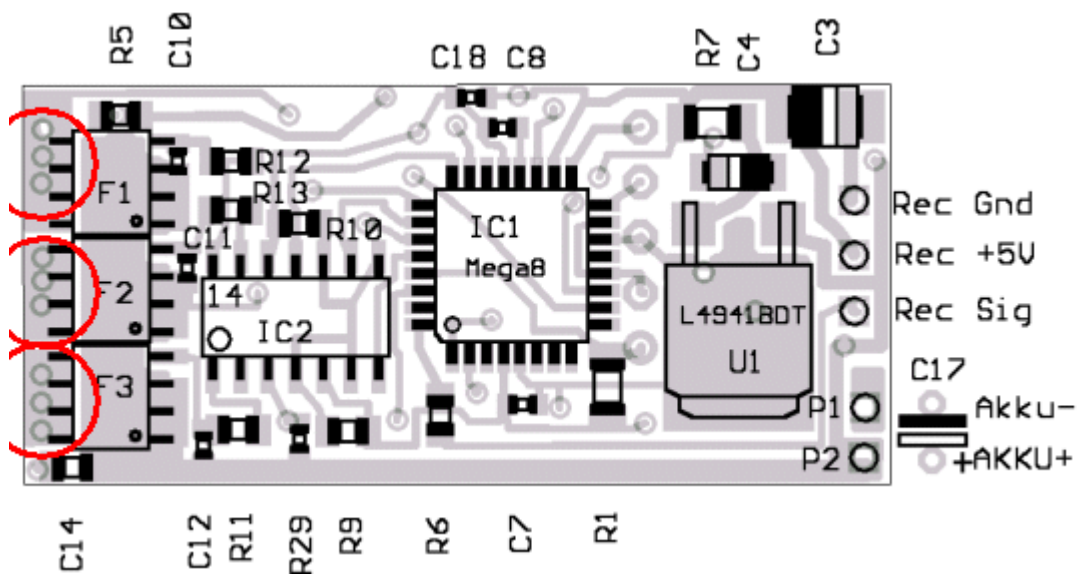
Connect two wires with P1 and P2. If available use a power supply unit with current limiting (50 or 100mA). If you don't have one and you are sure that you don't have not produced any short-circuits, you can also use rechargeable batteries

To attach the ground clamp of the probe without producing short-circuits i recommend to remove a little bit of isolation from the minus wire to the voltage supply. So you can use any alligator clip.

Connect Pin 2 and 3 of the socket with a 1k resistor. This activates the integrated testprogram.
Set the oscilloscope to 1ms/div.

After you have connected the power supply unit, at the output pins of the MOSFET's you should see the square wave signals shown in the picture below with the oscilloscope.





Motorphasen im Testprogramm (1ms/div)

