

Verkabelung LIF5000 Gesamtgerät

Verdrahtungsliste LIF5000 Gesamtgerät

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Steuerrechner ATMEGA128

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ST2      DDS
        Pin 1      =          LIF5000_RX  ST1 Pin 4
          2  --+    =          LIF5000_RX  ST1 Pin 11 + 13
          3   |     =          LIF5000_RX  ST1 Pin 8
          4  --+
          5   |     =          LIF5000_RX  ST1 Pin 7
          6  --+
          7   |     =          LIF5000_RX  ST1 Pin 6
          8  --+
          9   |     =          LIF5000_RX  ST1 Pin 5
         10  --+

ST3      Analog-Eingänge
        Pin 1      =          LIF5000_RX  ST1 Pin 9
          2
          3
          4
          5
          6
          7
          8
          9        =          LIF5000_RX  ST1 Pin 11
         10        =          LIF5000_RX  ST1 Pin 13
         11        =          LIF5000_RX  ST1 Pin 15
         12

ST4      +12 Volt Versorgung
        Pin 1      =          Schalter POWER +12V OUT;  LIF5000_RX  ST1 Pin 12
          2
          3
          4
          5
          6
          7
          8        =          LIF5000_RX  ST1 Pin 15;    +12Volt - Buchse GND

ST5      Bedienelemente
        Pin 1      =          Taster  F<
          2        =          Taster  F>
          3        =          Taster  load
          4        =          Taster  save
          5
          6
          7
          8
          9        =          Drehschalter Tune    0
         10        =          Drehschalter Tune    1
         11
         12
         13
         14
         15        =          Taster  GND
         16        =          Drehschalter Tune    GND

ST7      I2C-BUS
        Pin 1
          2        =          SDA  LIF5000_RX    ST1 Pin 1
          3        =          SCL  LIF5000_RX    ST1 Pin 2
          4        =          GND  LIF5000_RX    ST1 Pin 215

ST14     COM2 --> nicht benutzt
        Pin 1      =          TXD  Stecker COM2 Pin 2
          2        =          RXD  Stecker COM2 Pin 3
          3
          4        =          GND  Stecker COM2 Pin 5
          5
          6

ST15     COM1 --> Debug PC
        Pin 1      =          TXD  Stecker COM1 Pin 2
          2        =          RXD  Stecker COM1 Pin 3
          3
          4        =          GND  Stecker COM1 Pin 5
          5
          6

Schalter POWER
        IN        =          +12Volt - Buchse +12V
        OUT       =          LIF5000_RX  ST1 Pin 12
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