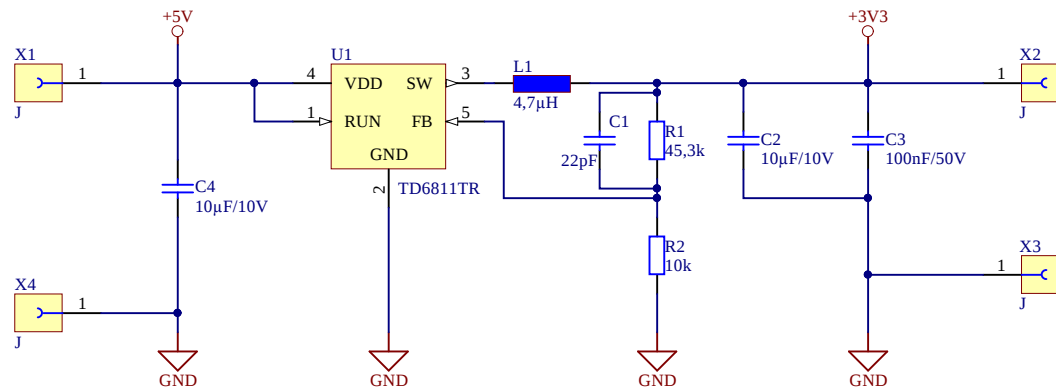
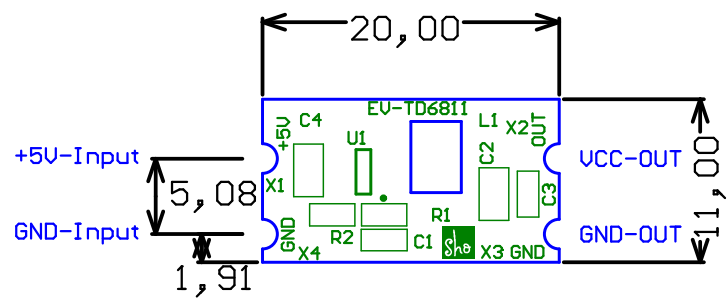




LP1  
Leiterplatte  
LP-EV-TD8611

|                                  |                               |                            |                                                                                             |                                                                                       |
|----------------------------------|-------------------------------|----------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Title <b>EV Board TD6811</b>     |                               |                            | <i>S.Hofmann</i><br><i>shop@shotech.de</i><br><i>www.shotech.de</i><br>Revision: <b>0.0</b> |  |
| Size: <b>A4</b>                  | Description: <b>Step-Down</b> |                            |                                                                                             |                                                                                       |
| Date: <b>10.07.2018</b>          | Time: <b>19:56:42</b>         | Sheet <b>1</b> of <b>1</b> |                                                                                             |                                                                                       |
| File: <b>UniSd-Sheet1.SchDoc</b> |                               |                            |                                                                                             |                                                                                       |





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Tel: 040 /  
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Email: [shop@shotech.de](mailto:shop@shotech.de)

## Bill of Materials

|              |                 |
|--------------|-----------------|
| Datum:       | 10. Juli 2018   |
| Zeit:        | 19:56:45        |
| Variant:     | None            |
| Bezeichnung: | EV Board TD6811 |
| Revision:    | 0.0             |

| Quantity | Designator     | Footprint        | Bemerkung                                           | Value        | MFT                            | Order-Code          | shotech |
|----------|----------------|------------------|-----------------------------------------------------|--------------|--------------------------------|---------------------|---------|
| 1        | C1             | C0603_N          | KONDENSATOR, 0603, NP0, 50V, 22PF, 5%               | 22pF         | TDK Corporation                | C1608C0G1H220J080AA | 000183  |
| 2        | C2, C4         | C0805_N          | CAPACITOR, 0805, X5R, 10V, 10UF                     | 10µF/10V     | Murata                         | GRM21BR61A106KE19L  | 000134  |
| 1        | C3             | C0603_N          | SMD-Vs-Kond 100nF 50V 10% X7R 0603                  | 100nF/50V    | Samsung                        | CL10B104JB8NNNC     | 000157  |
| 1        | L1             | INDP4040X20N     | Inductor 4,7µH, RDC 77mR, Isat 2A, Irms 1,8A        | 4,7µH        | Chilisin Electronics           | LVC404018-4R7M-N    | 000831  |
| 1        | LP1            |                  |                                                     | LP-EV-TD8611 |                                | EV-TD6811           | 000892  |
| 1        | R1             | R0603            | WIDERSTAND, 0603, 45K3, 1%                          | 45,3k        | VISHAY DRALORIC                | CRCW060345K3FKEA    | 000173  |
| 1        | R2             | R0603            | RESISTOR, 0603, 10K0, 1%                            | 10k          | VISHAY DRALORIC                | CRCW060310K0FKEA    | 000147  |
| 1        | U1             | SOT95P280X100-5N | 1.5MHz 1.2A Synchronous Step-Down Regulator Dropout | TD6811TR     | Techcode Semiconductor Limited | TD6811TR            | 000589  |
| 4        | X1, X2, X3, X4 | castellated      |                                                     | J            |                                |                     |         |
| 13       |                |                  |                                                     |              |                                |                     |         |