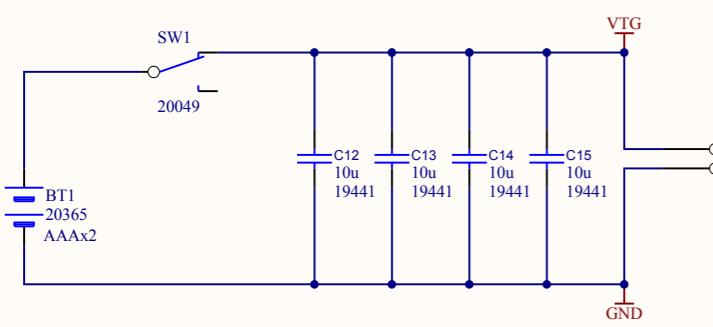
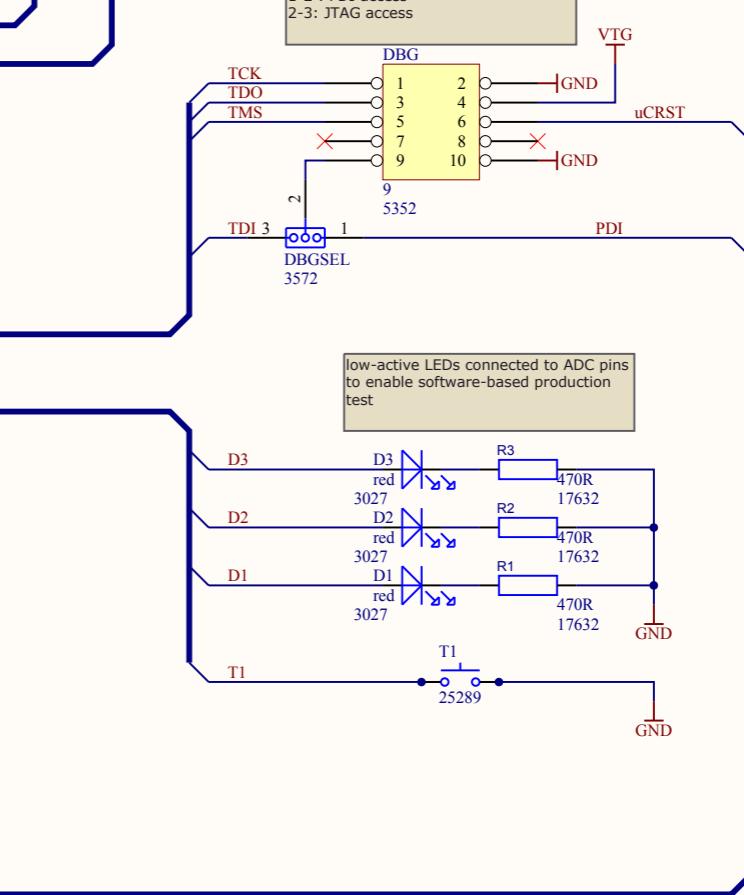
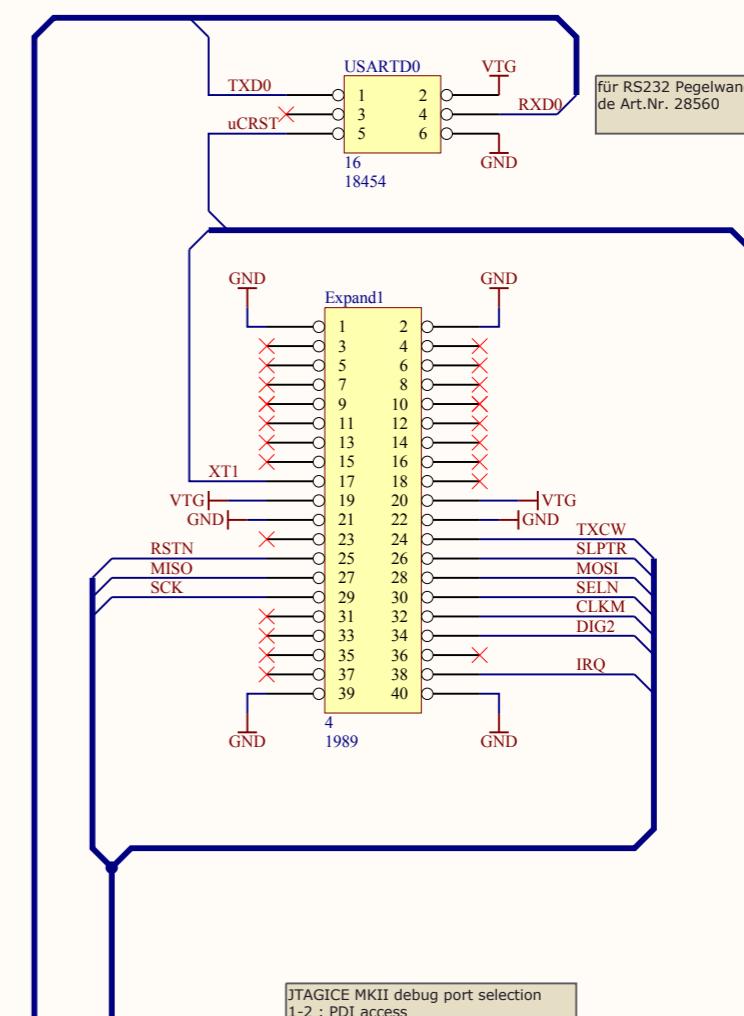
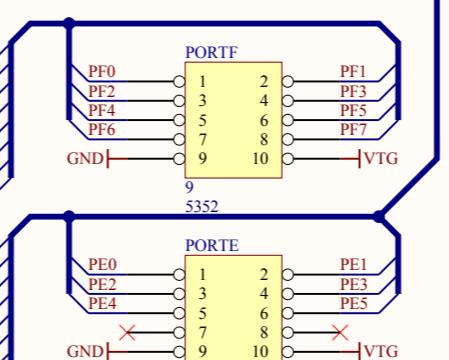
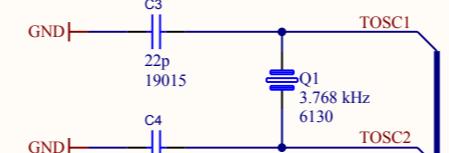
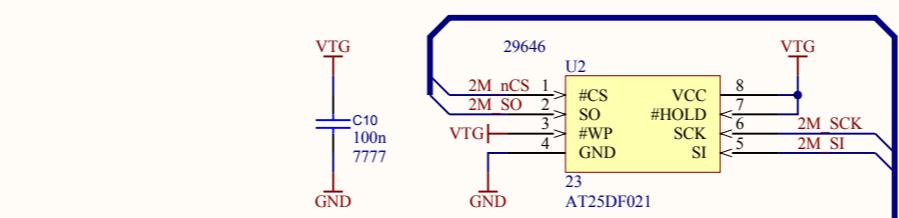
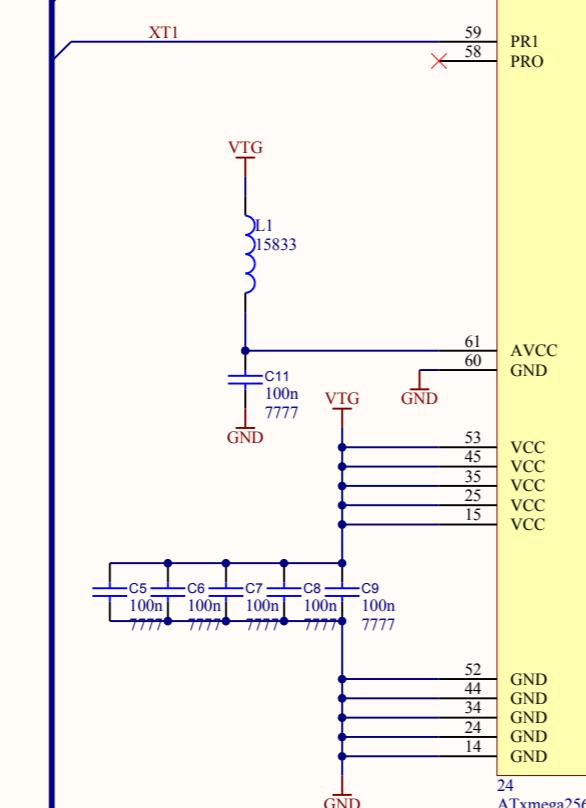
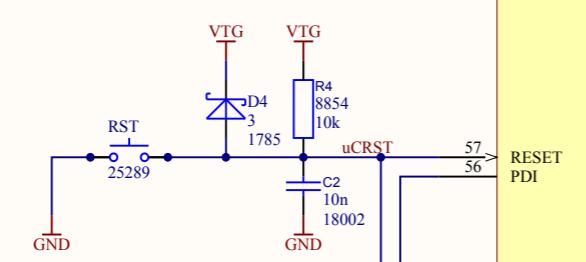


A



Z1 4521 Mutter  
Z2 5252 M2,5x8  
Z3 5138 DIN125  
29647  
Z4 5 449 36 00.250.00



RF200

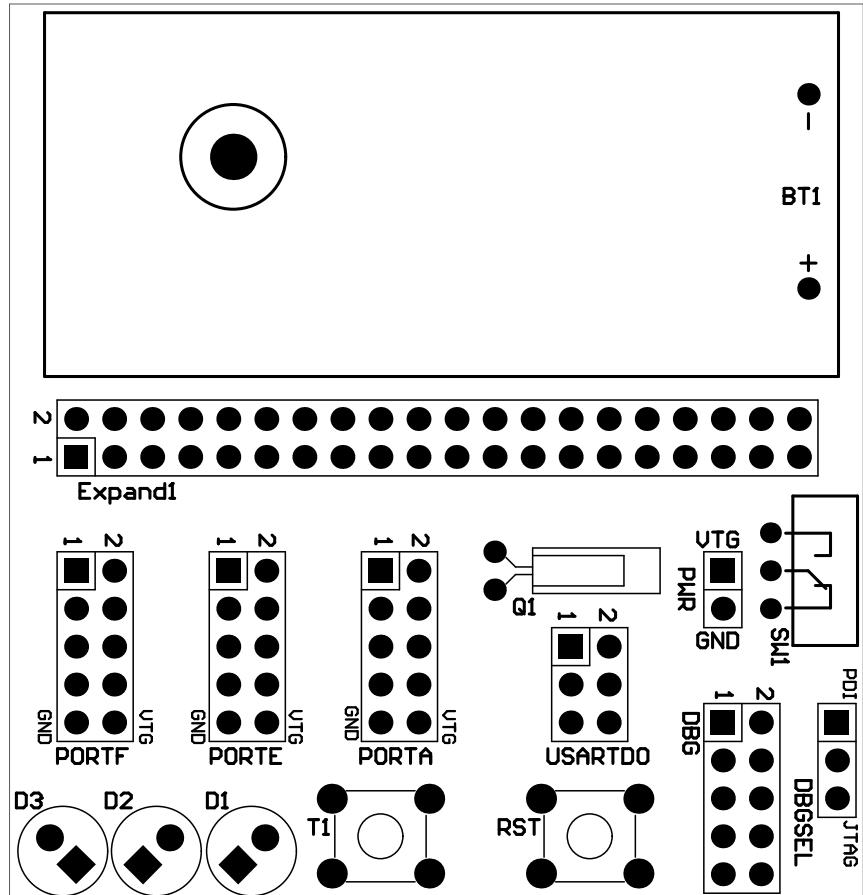
RF201

SCH REB Controller-Base Board LP-B de29207  
5 449 36 00.150.00

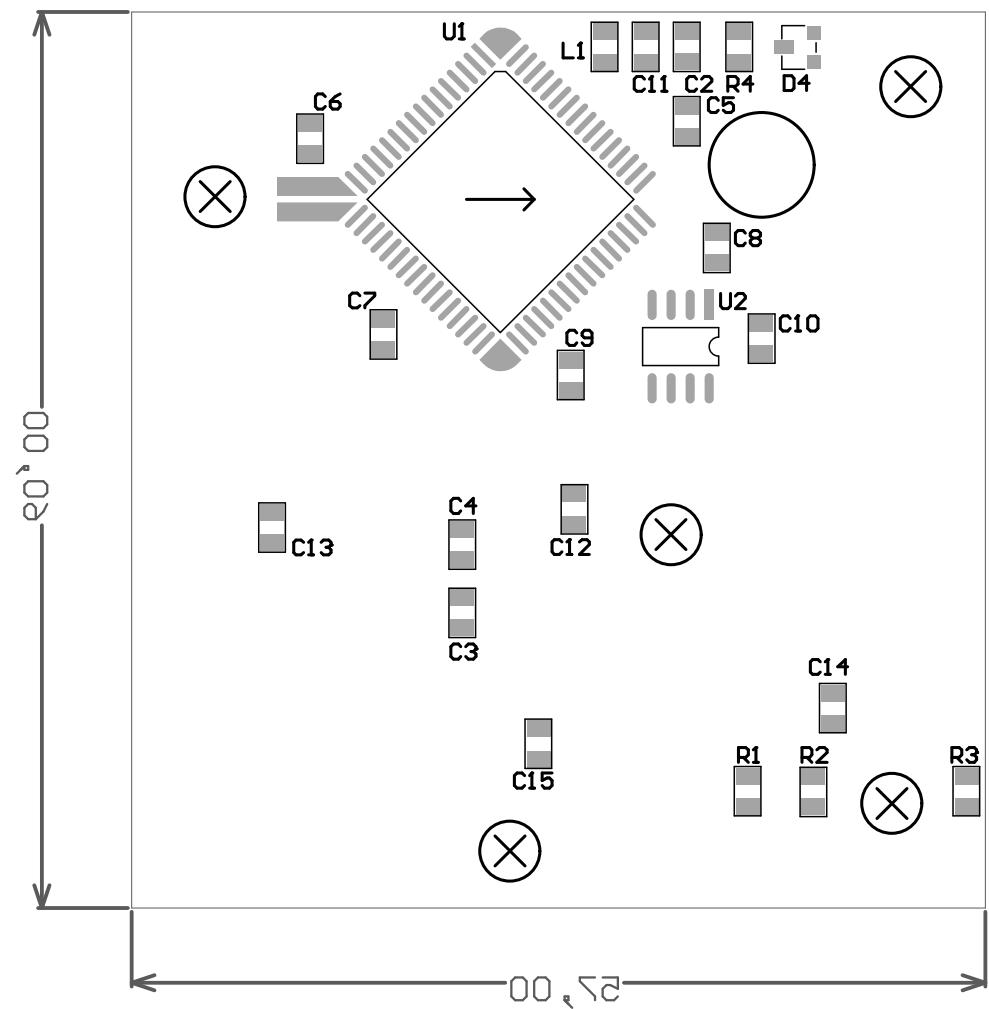
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| Size:  | A3                            |
| Project:   | ReB_ControllerBaseBoard.PjPCB |
| Date:  | 16.03.2010                    |
| Revision:  | 1                             |
| Sheet * of *   |                               |
| File: <a href="#">ReB_ControllerBaseBoard.SchDoc</a> |                               |

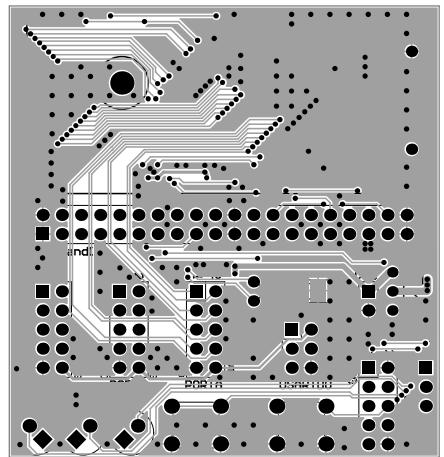


| deArtNr | Quantity | Designator                   | Comment        | Description              | Footprint            | LibRef |
|---------|----------|------------------------------|----------------|--------------------------|----------------------|--------|
| 20365   | 1        | BT1                          | 20             | Batterie                 | BH-421-3-EndMount    | 20     |
| 18002   | 1        | C2                           | CAP            | Kondensator              | 0805                 | 15     |
| 19015   | 2        | C3, C4                       | CAP            | Kondensator              | 0805                 | 17     |
| 7777    | 7        | C5, C6, C7, C8, C9, C10, C11 | CAP            | Kondensator              | 0805                 | 11     |
| 19441   | 4        | C12, C13, C14, C15           | CAP            | Kondensator              | 0805                 | 18     |
| 3027    | 3        | D1, D2, D3                   | 5              | LED                      | LED_5MM-V            | 5      |
| 1785    | 1        | D4                           | 3              | Schottky-Diode (doppelt) | SOT-23               | 3      |
| 5352    | 4        | DBG, PORTA, PORTE, PORTF     | 9              | Steckverbinder 5x2-pol.  | JP_2x5               | 9      |
| 3572    | 1        | DBGSEL                       | 6              | Jumper 3-pol.            | JP_1x3               | 6      |
| 1989    | 1        | Expand1                      | 4              | Steckverbinder 20x2-pol. | JP_2x20              | 4      |
| 15833   | 1        | L1                           | 13             | Spule                    | 0805                 | 13     |
| 4428    | 1        | PWR                          | 7              | Steckverbinder 2-pol.    | JP_1x2               | 7      |
| 6130    | 1        | Q1                           | 10             | Quarz                    | Q_TC26/TC38          | 10     |
| 17632   | 3        | R1, R2, R3                   | RES            | Widerstand               | 0805                 | 14     |
| 8854    | 1        | R4                           | RES            | Widerstand               | 0805                 | 12     |
| 25289   | 2        | RST, T1                      | 22             | Taster                   | SW_RM5x6,5           | 22     |
| 20049   | 1        | SW1                          | Eao09.10201.02 | Umschalter 1-pol.        | EAO1XUM              | 19     |
| 29645   | 1        | U1                           | 24             |                          | P-TQFP-64/0.8H1.2ATM | 24     |
| 29646   | 1        | U2                           | 23             |                          | SO-8                 | 23     |
| 18454   | 1        | USARTD0                      | 16             | Steckverbinder 3x2-pol.  | JP_2x3               | 16     |
| 4521    | 1        | Z1                           | REF            | Mutter                   |                      | 64     |
| 5252    | 1        | Z2                           | REF            | Senkkopfschraube         |                      | 65     |
| 5138    | 1        | Z3                           | REF            | Nylonscheibe 2.5mm       |                      | 1001   |
| 29647   | 1        | Z4                           | REF            | Leiterplatte REBCB Rev1  |                      | 1002   |
|         | 5        | Z10, Z11, Z12, Z13, Z14      | RubberFoot     | Rubber Foot 8.0 x 2      | RubberFoot_8mm       | 1000   |

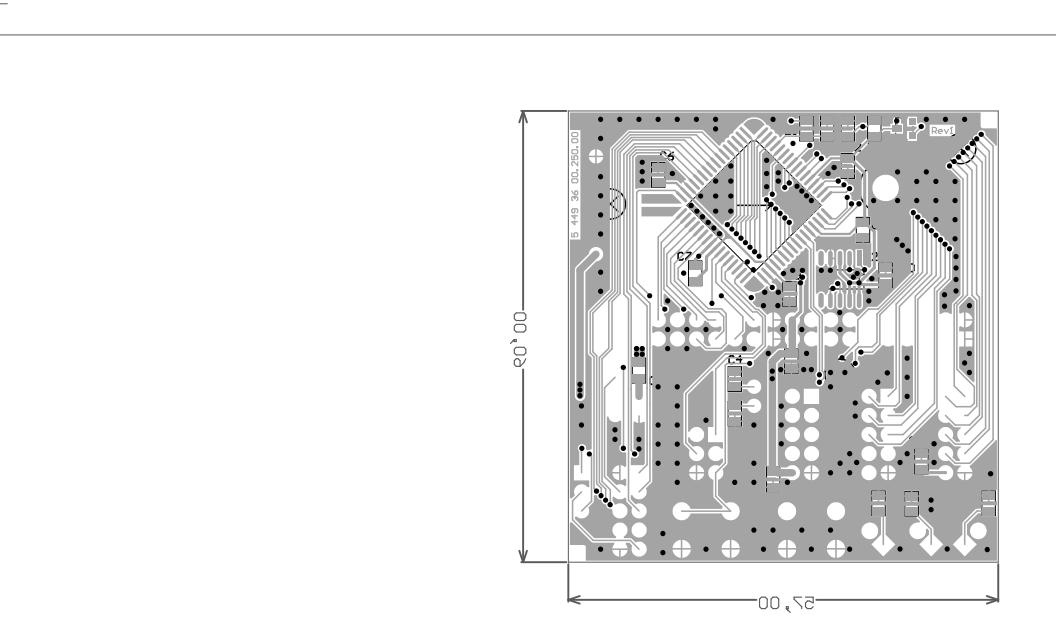


|     |           |       |      | Bearbeiter :                     | Bestueckungsseite: |            | Bezeichnung:       | Projektname | Layer:      |
|-----|-----------|-------|------|----------------------------------|--------------------|------------|--------------------|-------------|-------------|
|     |           |       |      | Name                             | TopOverlay         |            |                    |             |             |
|     |           |       |      | Datei:                           |                    | Datum:     | Zeichnungsnummer:  |             | FORMAT: A4  |
|     |           |       |      |                                  |                    |            |                    |             |             |
|     |           |       |      |                                  |                    |            |                    |             |             |
|     |           |       |      |                                  |                    |            |                    |             |             |
|     |           |       |      |                                  |                    |            |                    |             |             |
|     |           |       |      |                                  |                    |            |                    |             |             |
| Nr. | Aenderung | Datum | Name | ReB_ControllerBaseBoard.d.PcbDoc |                    | 22.02.2007 | 5 449 36 00.250.00 | Rev.: 1     | SCALE: 1.99 |





|     |            |       | Bearbeiter: | Bestueckungsseiter:            |            | Bezeichnung:       | Projektname: | Layers:                   |
|-----|------------|-------|-------------|--------------------------------|------------|--------------------|--------------|---------------------------|
|     |            |       | Name        | TopOverlay                     |            |                    |              | TopLayer                  |
|     |            |       | Datos       |                                | Datum      | Zeichnungsnummer:  |              |                           |
| Nr. | Rendierung | Datum | Name        | ReB_ControllerBaseBoard.PcbDoc | 22.02.2007 | 5 449 36 00,250,00 | Rev. I       | FORMAT: A4<br>SCALE: 1:00 |



|                    |     |           |       | Bearbeiter :                   | Besuchungstermin | Zeichnungsnr.      | Layers                       |
|--------------------|-----|-----------|-------|--------------------------------|------------------|--------------------|------------------------------|
|                    |     |           |       | Name                           | BottomOverlay    | Projektname        | BottomLayer                  |
|                    |     |           |       | Datum                          | Datum            | Zeichnungsnr.      |                              |
| dresden elektronik | Nr. | Aenderung | Datum | ReB_ControllerBaseBoard.PcbDoc | 22.02.2007       | 5 449 36 00-250.00 | Rev. I FORMAT1 A4 SCALE1 100 |

