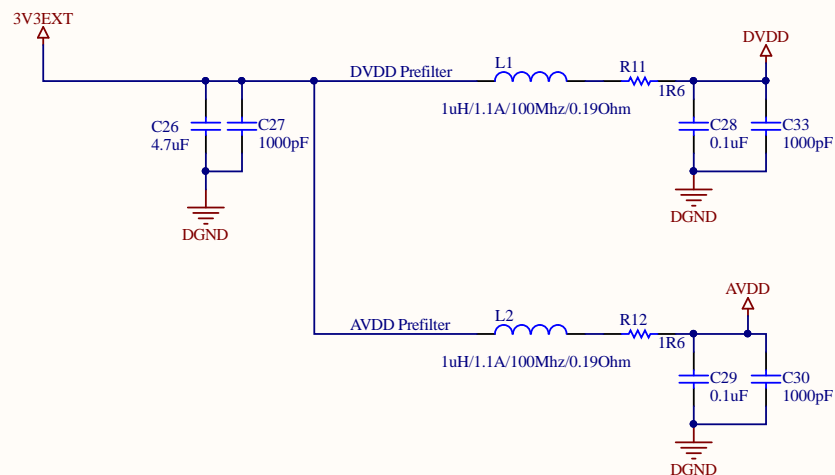
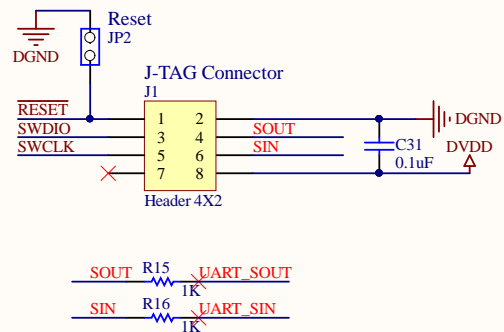
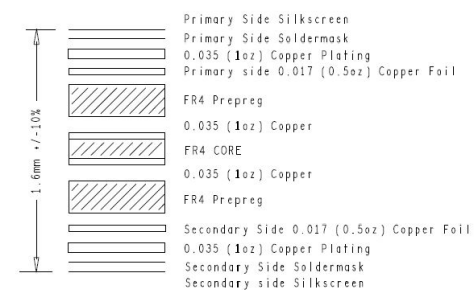



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|-----------------------------------|------------------|---------------|-----------------------|
| Title ADuCM355 modul board | | | Budapest Hungary |
| Size: A4 | Number: 1. | Revision: V 1 | |
| Date: 1/4/2021 | Time: 7:24:32 PM | Sheet 1 of 2 | Author: Tiszai Istvan |
| File: MainSensor.SchDoc | | | |



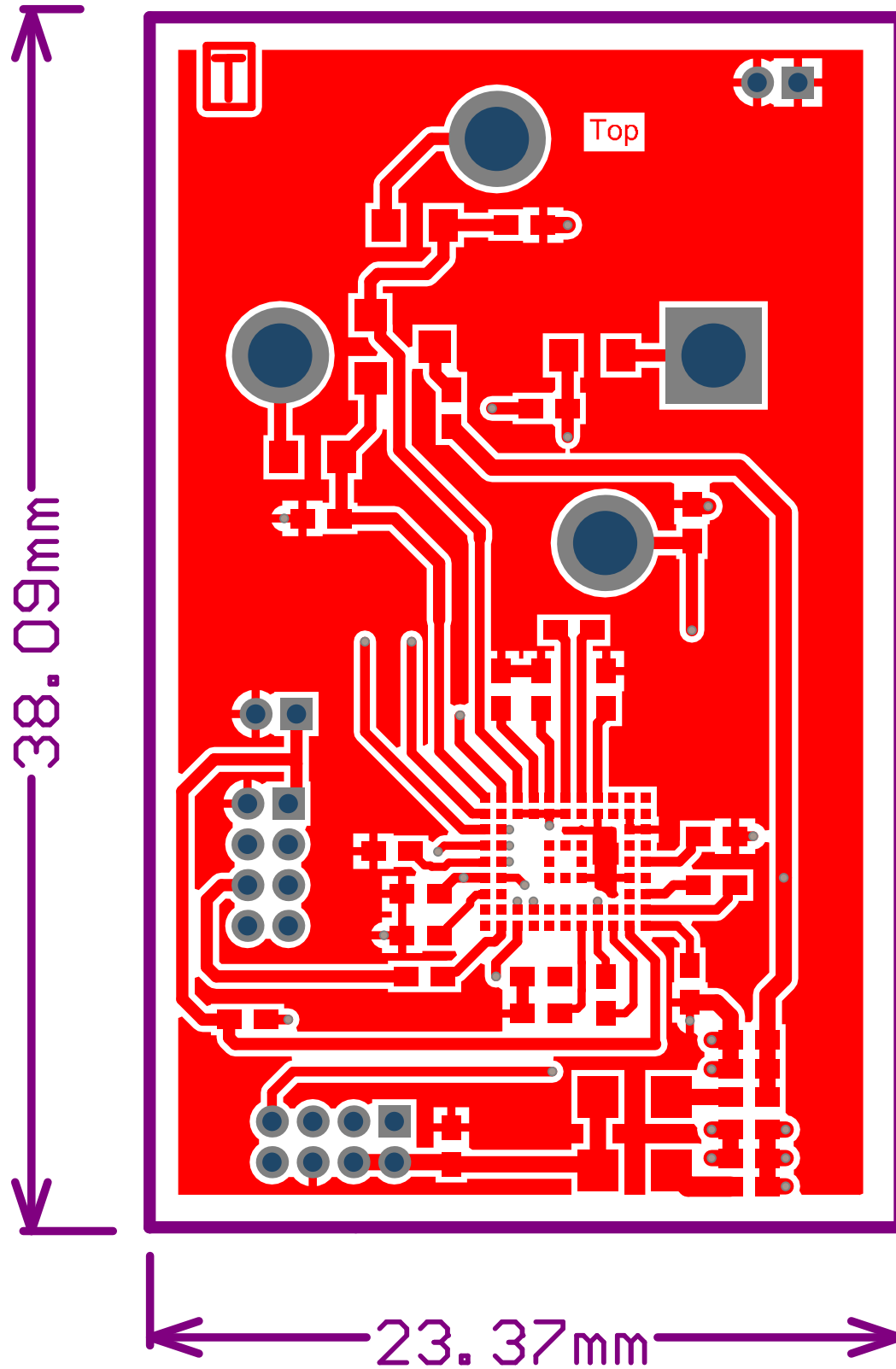


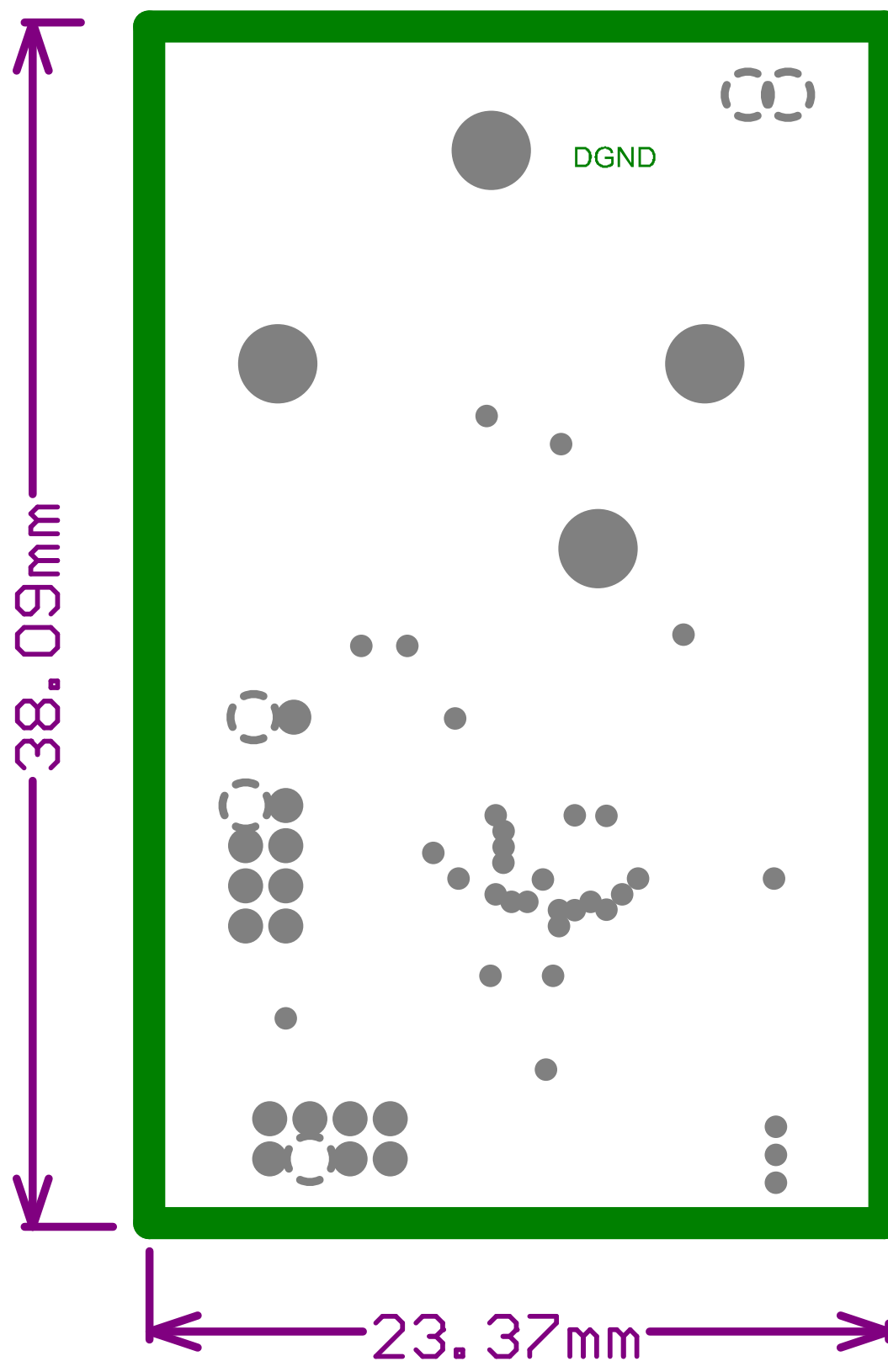
4 LAYER STACKUP

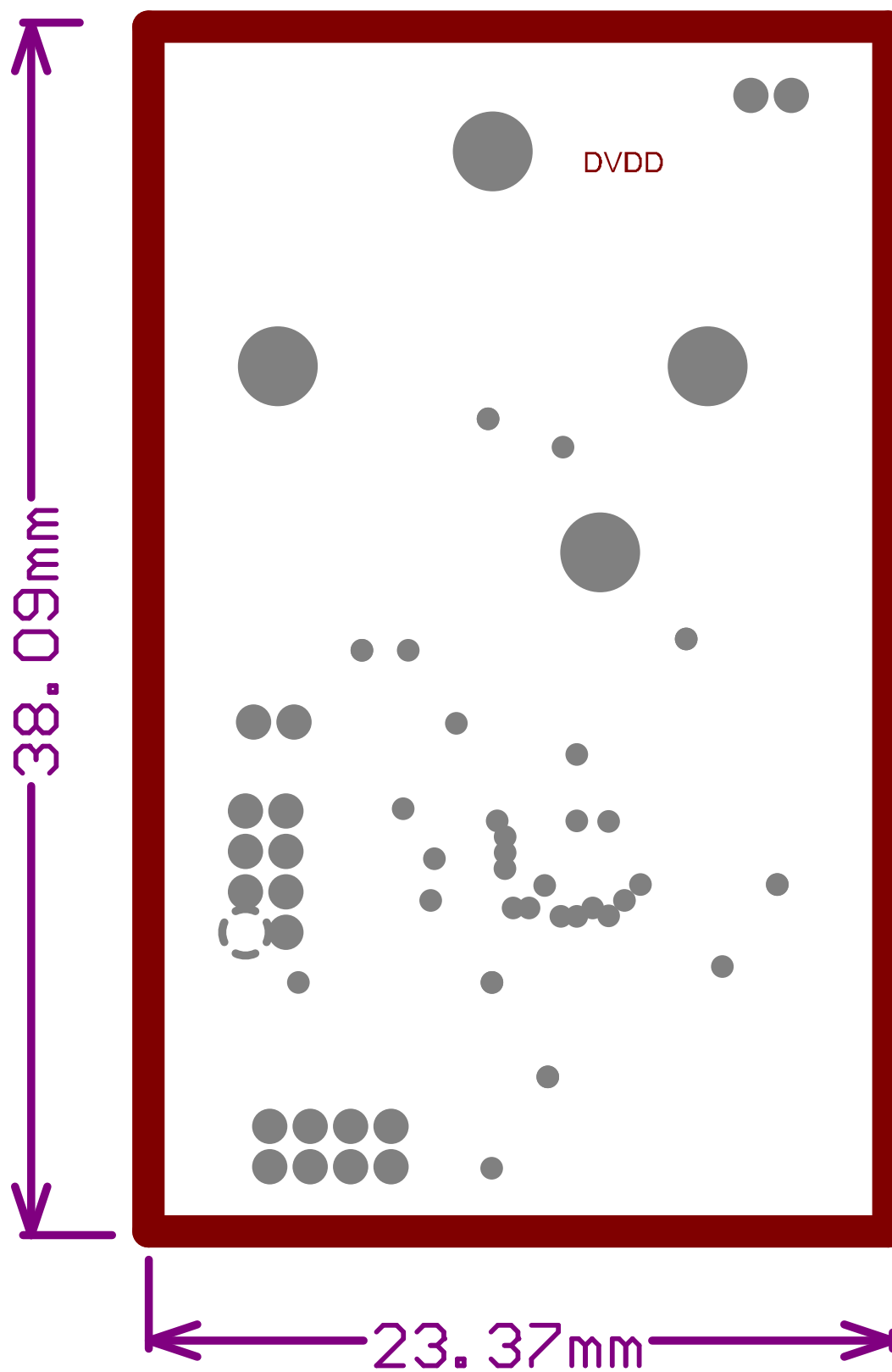


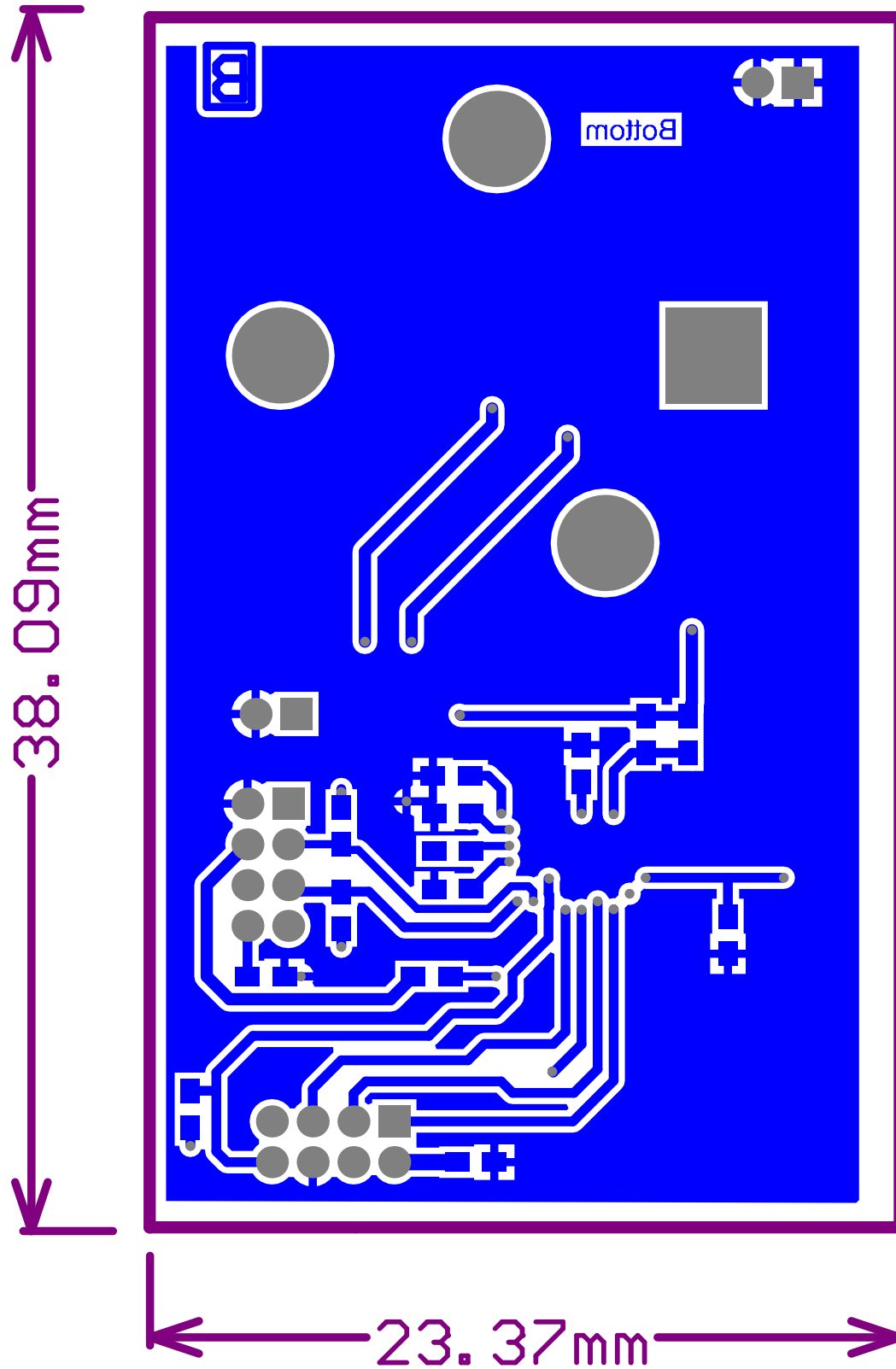
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|------------------------------------------|-------------------------|----------------------------|----------------------------------------------------------|---------------------------------------------------------------------------------------|
| Title <i>ADuCM335 modul board</i> | | | <i>Budapest Hungary</i> Author: Tiszai Istvan |  |
| Size: A4 | Number: 1. | Revision: V 1.0 | | |
| Date: 1/4/2021 | Time: 7:24:32 PM | Sheet 2 of 2 | | |
| File: PowerSensor.SchDoc | | | | |

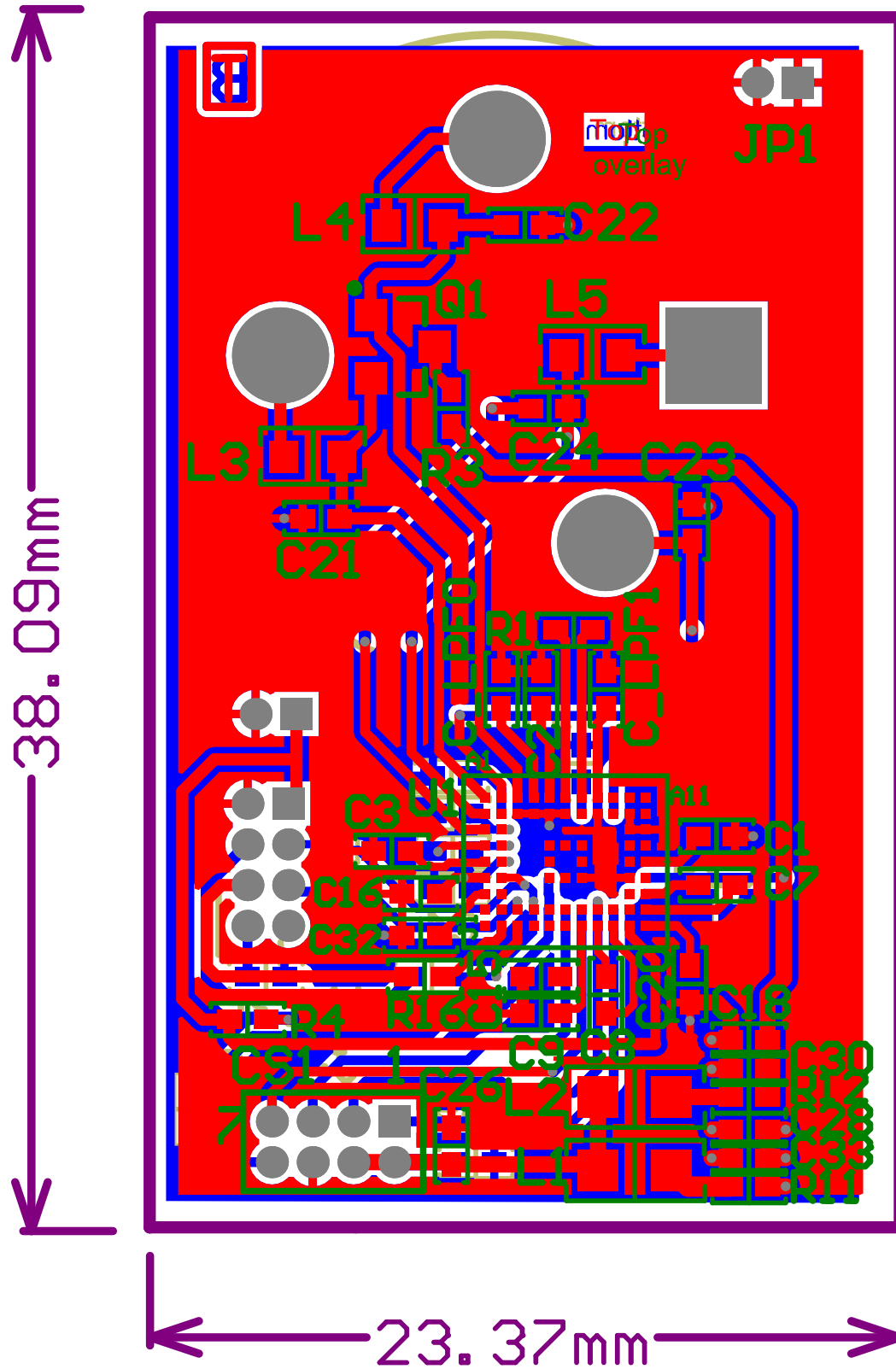
Budapest
Hungary
Author: Tiszai Istvan











| Comment | Description | Designator | Footprint | LibRef | Quantity |
|---------------------|------------------------|-----------------------|--------------|--------------------|----------|
| 0.47uF | Capacitor, 6.3V,,X5R, | C1, C2, C3, C9, C20, | 0402 | Cap | 6 |
| 0.47uF | Capacitor, 6.3V,,X5R, | C4 | 0402 _S | Cap | 1 |
| 0.1uF | Capacitor, 6.3V,,X7R, | C6, C11, C12, C29, C3 | 0402 _S | Cap | 5 |
| 0.1uF | Capacitor, 6.3V,,X7R, | C7, C8, C15, C16, C18 | 0402 | Cap | 8 |
| 0.15uF | Capacitor, 6.3V,,X5R, | C19 | 0402 _S | Cap | 1 |
| 30pF | Capacitor, 50V,,X7R, | C21, C22 | 0402 | Cap | 2 |
| 4.7uF | 4.7µF, 0402 C1005X5R | C26, C_LPF0, C_LPF1 | 0402 | CAP SMD 0603 X5R 1 | 3 |
| 1000pF | Capacitor, 50V, 1%,,, | C27 | 0402 _S | Cap | 1 |
| 1000pF | Capacitor, 50V, 1%,,, | C30, C33 | 0402 | CAP SMD 0603 X5R 1 | 2 |
| 220pF | Capacitor, 6.3V,,X5R, | C35 | 0402 _S | Cap | 1 |
| Header 4X2 | Header, 4-Pin, Dualrow | CS1 | MHDR2X4 | Header 4X2 | 1 |
| Header 4X2 | Header, 4-Pin, Dualrow | J1 | MHDR2X4 _S | Header 4X2 | 1 |
| 1uH/1.1A/100Mhz/0.1 | 1uH/1.1A, 744797742 | L1, L2 | 0805 | Inductor | 2 |
| 0.7Ohm/100Mhz | High Frequency Induct | L3, L4, L5 | 0603 | | 3 |
| EC_Sensor | ElectroChemical Sens | M1 | EC_Sensor _S | EC_Sensor | 1 |
| MMBFJ270 | P-Channel JFET, SOT | Q1 | SOT-23 | JFET-P | 1 |
| 200 | Resistor, 1% MCWRO | R1 | 0402 | Resistor_ST | 1 |
| 100K | Resistor, 1% CRCW0 | R2, R13, R14 | 0402 _S | Resistor_ST | 3 |
| 100K | Resistor, 1% CRGCO | R3, R4 | 0402 | Resistor_ST | 2 |
| 10K | Resistor, 1% CRGCO | R10 | 0402 _S | Resistor_ST | 1 |
| 1R6 | Resistor, 5% ERJ2GE | R11, R12 | 0402 | Resistor_ST | 2 |
| 1K | Resistor, 1% CRCW0 | R15 | 0402 _S | Resistor_ST | 1 |
| 1K | Resistor, 1% CRCW0 | R16 | 0402 | Resistor_ST | 1 |
| ADUCM355BCCZ | No Description Availa | U1 | ADuCM355 | ADUCM355BCCZ | 1 |