

# Board Placement

Name

November 11, 2012

Placement Diagrams, automatically generated.

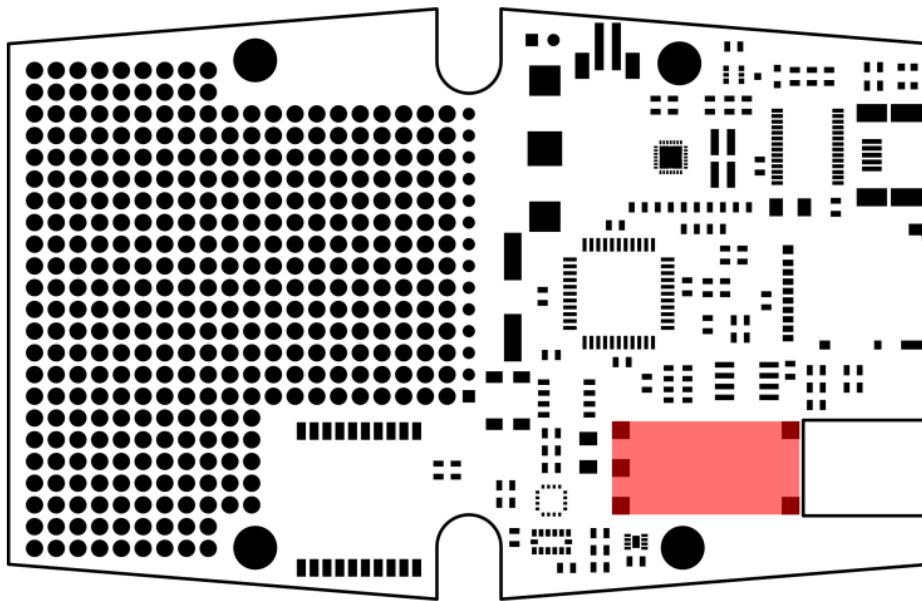
## Contents

1	ELUMOASAQ2	2	3	0.01uF	4
2	CELL	3	4	0.1uF	5

5	0.22uF	<b>6</b>	15	Lipo Batt	<b>16</b>
6	1uF	<b>7</b>	16	CONN_14	<b>17</b>
7	4.7uF	<b>8</b>	17	Lipo Batt	<b>18</b>
8	10uF	<b>9</b>	18	NPN	<b>19</b>
9	22uF	<b>10</b>	19	75	<b>20</b>
10	RED	<b>11</b>	20	270	<b>21</b>
11	BLUE	<b>12</b>	21	1k	<b>22</b>
12	USB_SMD	<b>13</b>	22	3k	<b>23</b>
13	4.7uH	<b>14</b>	23	10k	<b>24</b>
14	CONN_1	<b>15</b>	24	20k	<b>25</b>

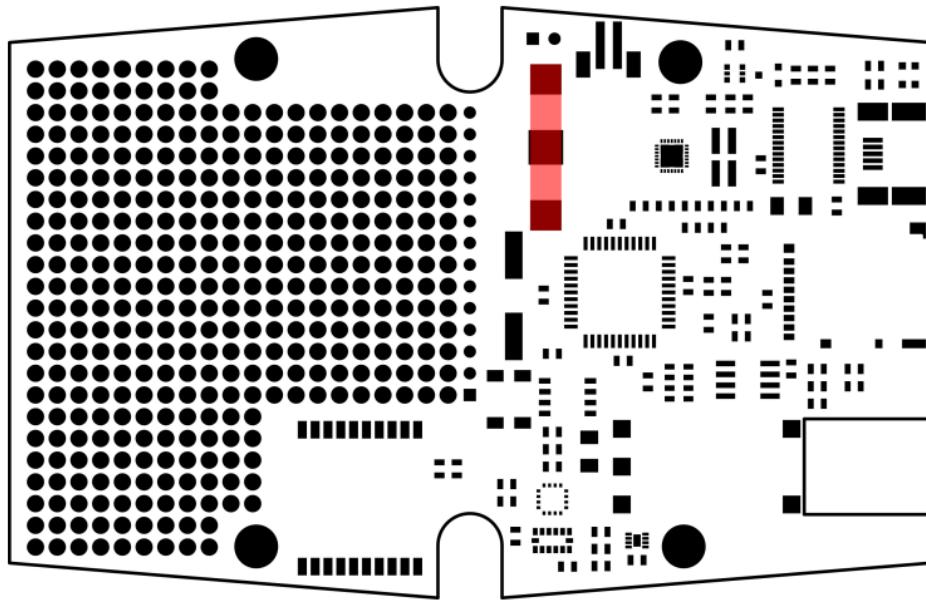
25	100k	<b>26</b>	34	74LVC2G07	<b>35</b>
26	230k	<b>27</b>	35	PCF8523	<b>36</b>
27	470k	<b>28</b>	36	FT232RL	<b>37</b>
28	MICROSD	<b>29</b>	37	MAX17048	<b>38</b>
29	FGPMMOPA6H	<b>30</b>	38	MAX8819	<b>39</b>
30	LSM303DLHC	<b>31</b>	39	P8X32A-Q44	<b>40</b>
31	L3GD20	<b>32</b>	40	CM200C	<b>41</b>
32	MS5611	<b>33</b>	41	CRYSTAL	<b>42</b>
33	AT24C512	<b>34</b>			

# 1 ELUMOASAQ2



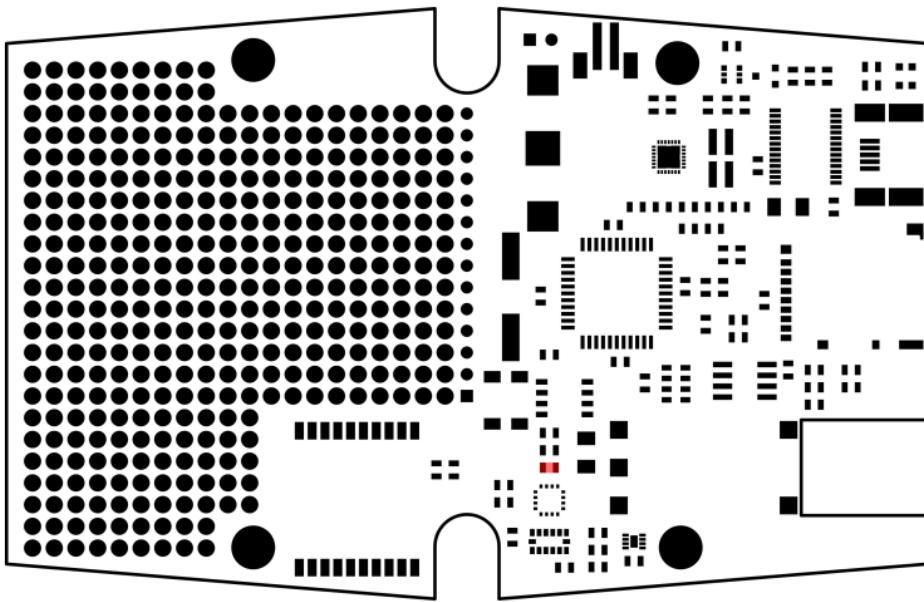
Place 1 of the **ELUMOASAQ2** component with the **ELUM-XX-SA** footprint at positions:  
**B1**

## 2 CELL



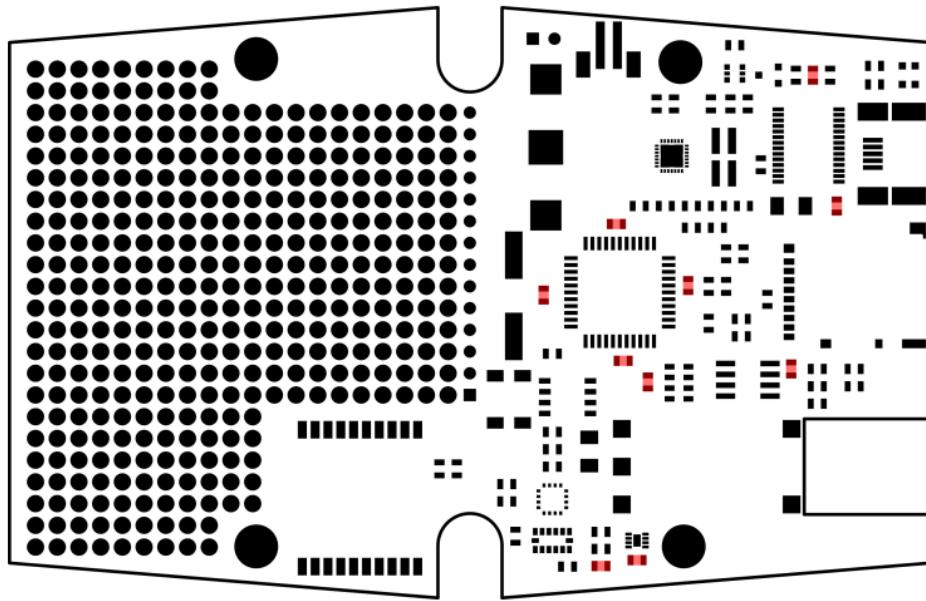
Place 1 of the **CELL** component with the **CR1225** footprint at positions:  
**BT1**

### 3 0.01uF



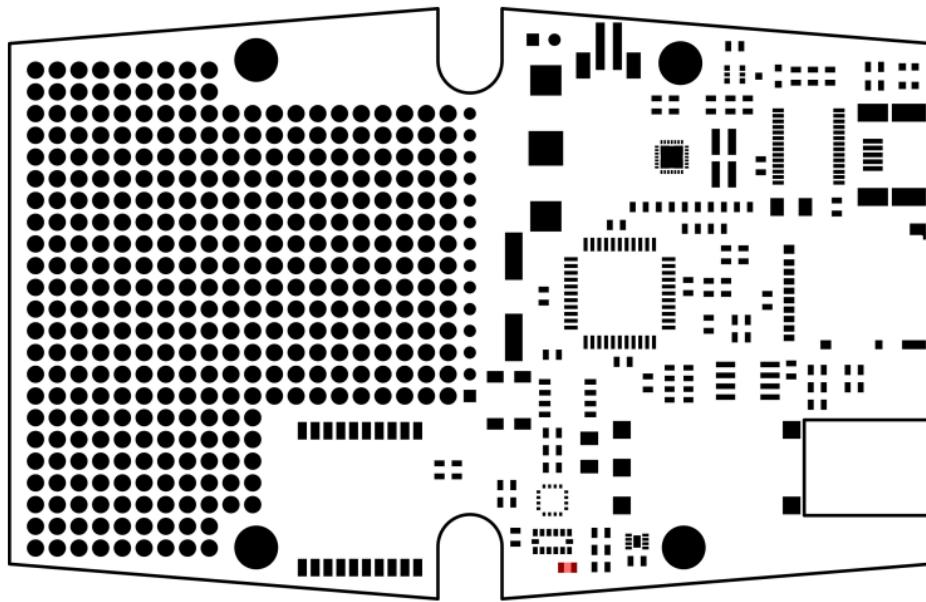
Place **1** of the **0.01uF** component with the **SM0603\_Capa** footprint at positions:  
**C15**

## 4 0.1uF



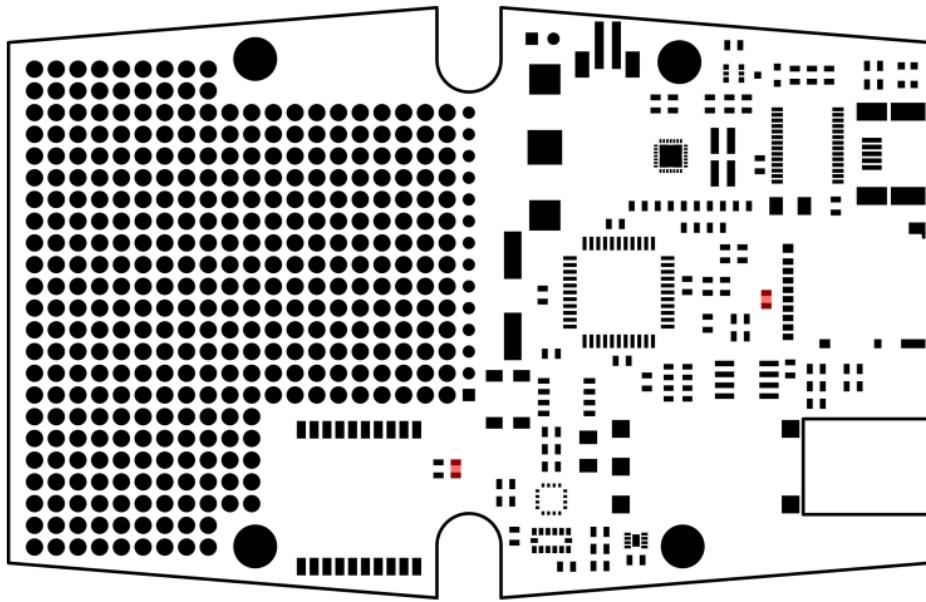
Place **10** of the **0.1uF** component with the **SM0603\_Capa** footprint at positions:  
**C4 C5 C6 C9 C10 C11 C12 C18 C25 C26**

## 5 0.22uF



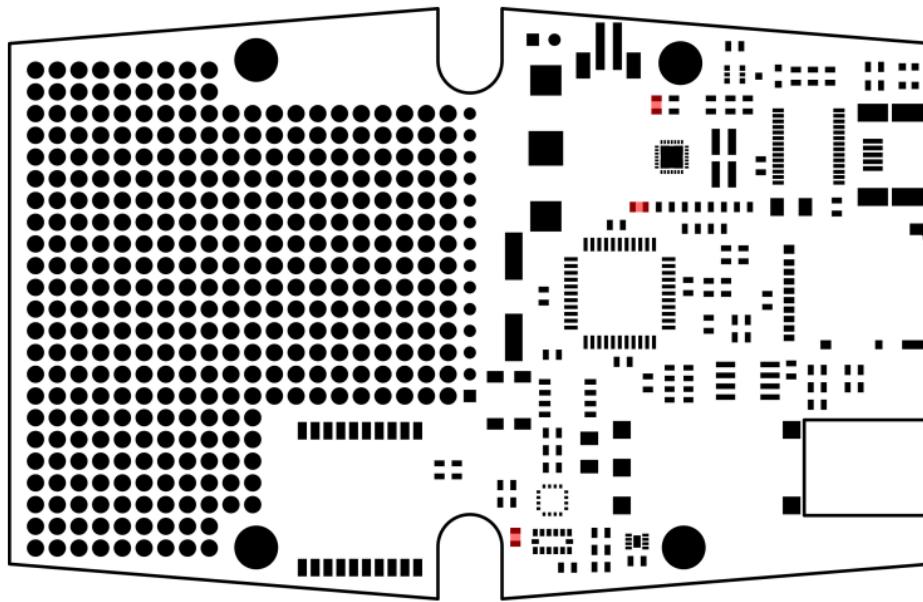
Place 1 of the **0.22uF** component with the **SM0603\_Capa** footprint at positions:  
**C17**

# 6 1uF



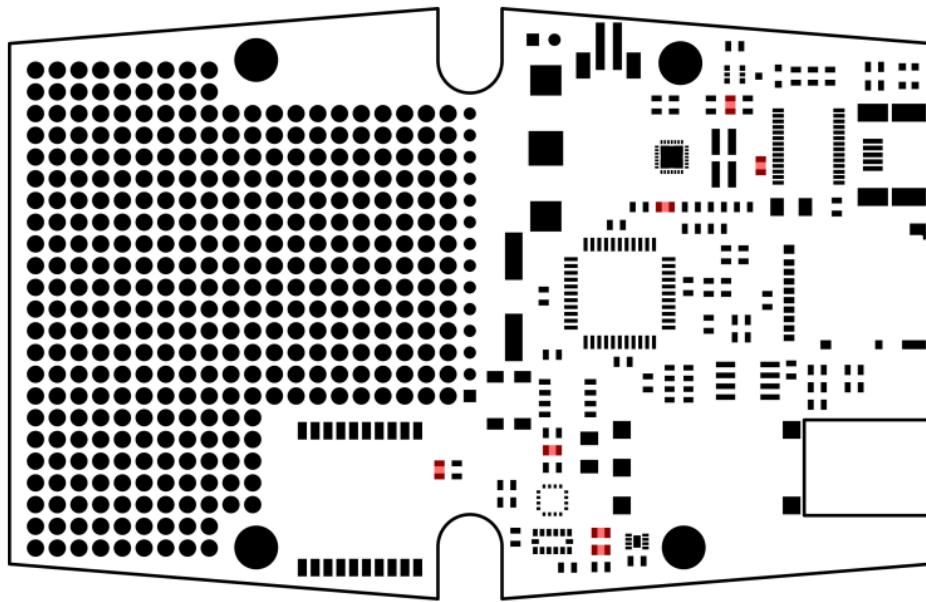
Place **2** of the **1uF** component with the **SM0603\_Capa** footprint at positions:  
**C8 C13**

7 4.7uF



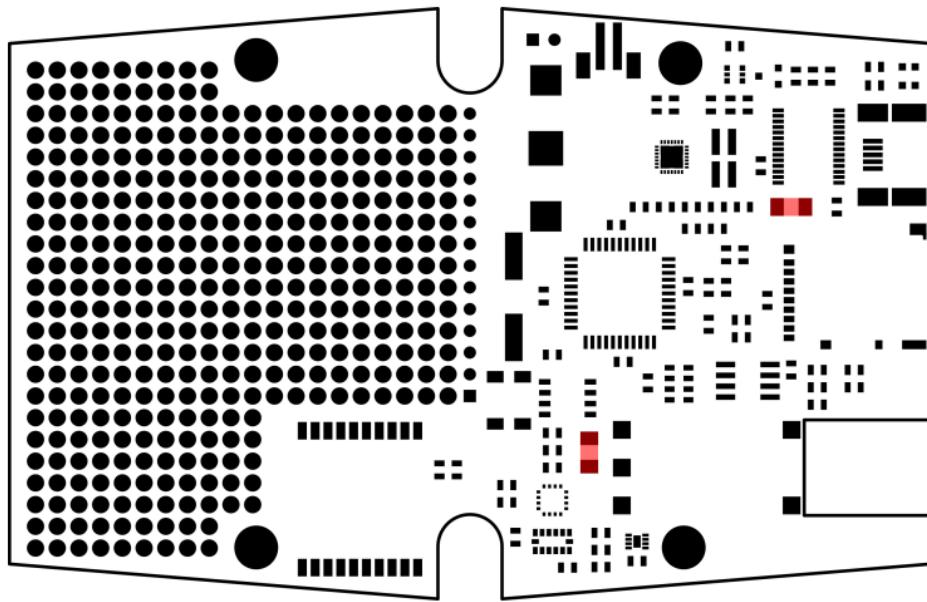
Place **3** of the **4.7uF** component with the **SM0603\_Capa** footprint at positions:  
**C16 C20 C22**

8 10uF



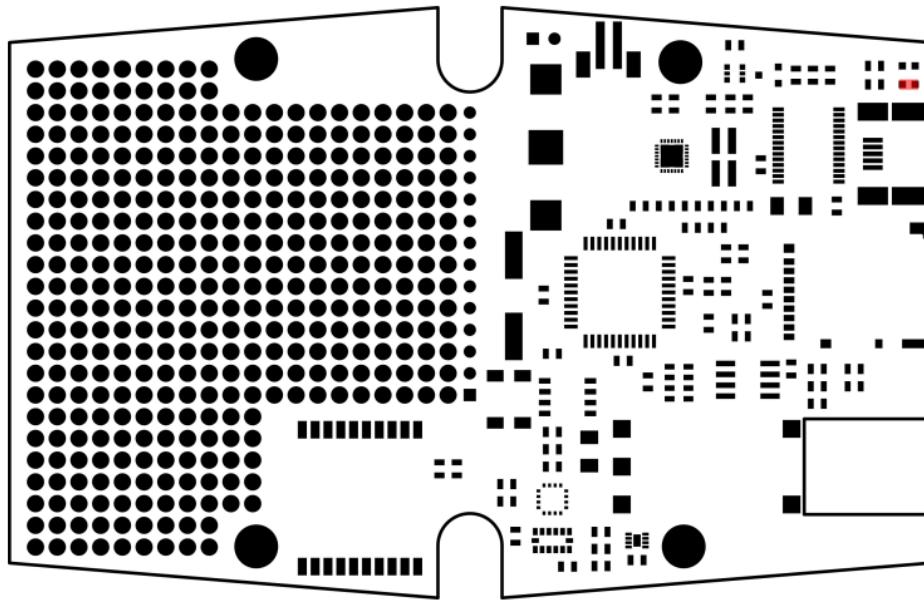
Place **7** of the **10uF** component with the **SM0603\_Capa** footprint at positions:  
**C1 C2 C3 C14 C21 C23 C24**

# 9 22uF



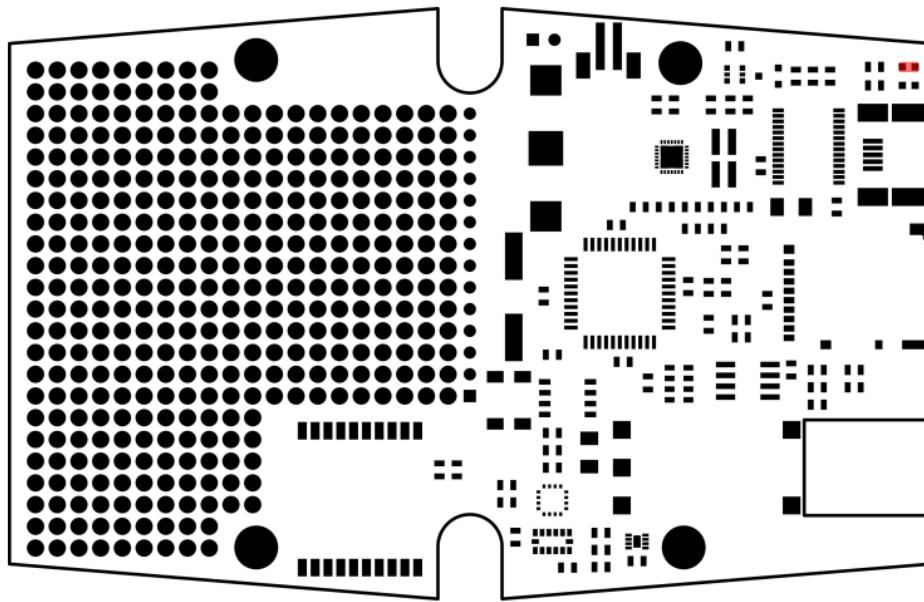
Place **2** of the **22uF** component with the **SM1206POL** footprint at positions:  
**C7 C19**

# 10 RED



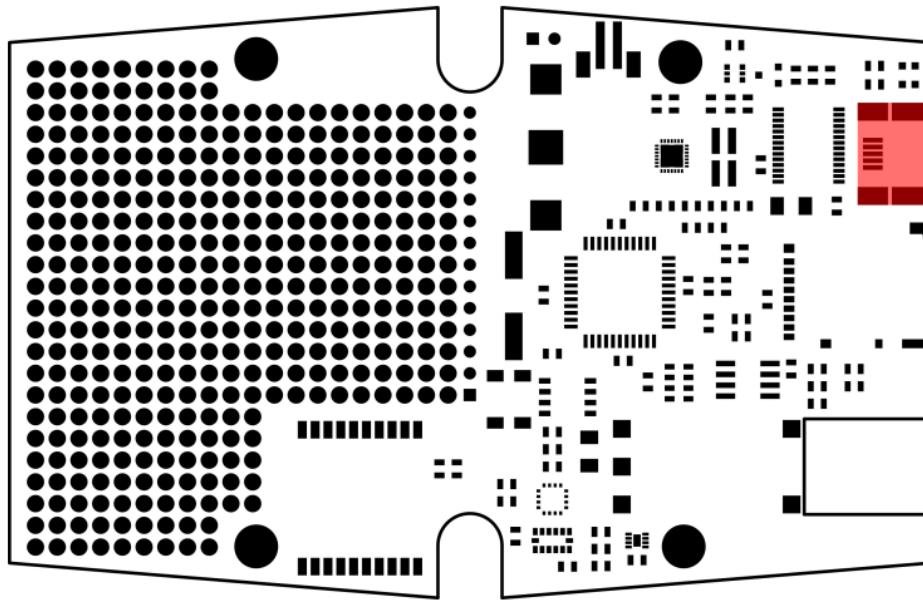
Place **1** of the **RED** component with the **LED-0603** footprint at positions:  
**D1**

## 11 BLUE



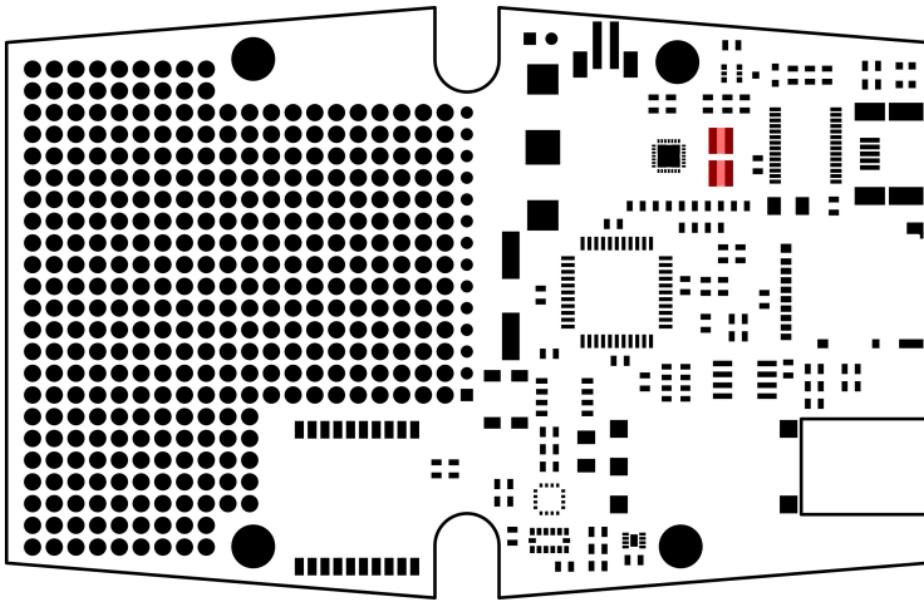
Place **1** of the **BLUE** component with the **LED-0603** footprint at positions:  
**D2**

## 12 USB\_SMD



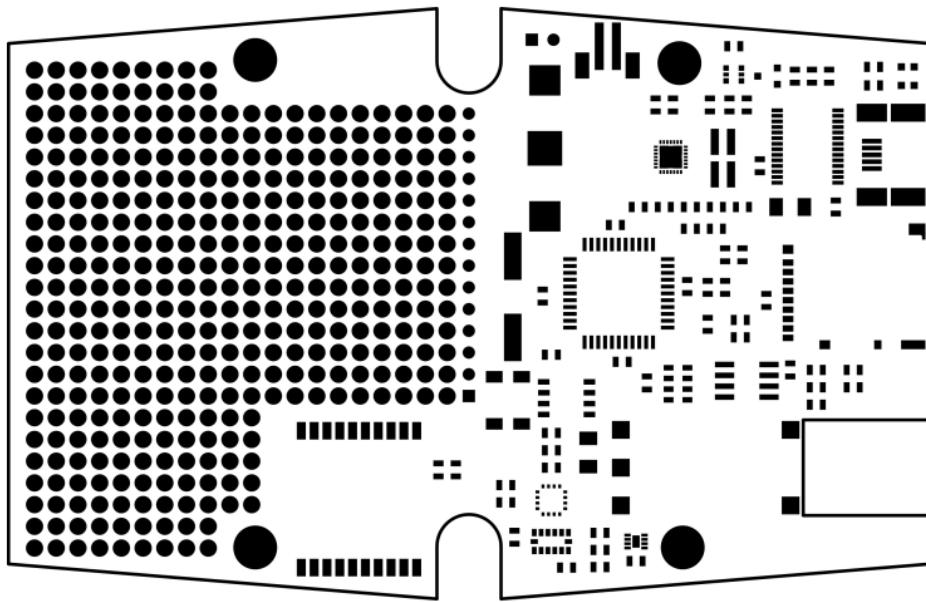
Place 1 of the **USB\_SMD** component with the **Mini-B-USB** footprint at positions:  
**J1**

# 13 4.7uH



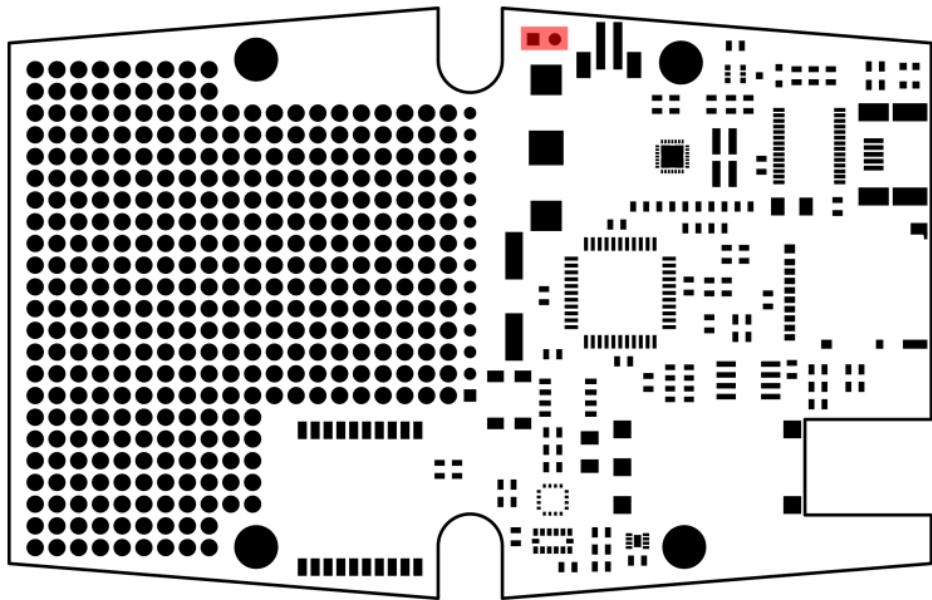
Place **2** of the **4.7uH** component with the **NR3012** footprint at positions:  
**L1 L2**

## 14 CONN\_1



Place **4** of the **CONN\_1** component with the **4-40** footprint at positions:  
**P4 P5 P6 P7**

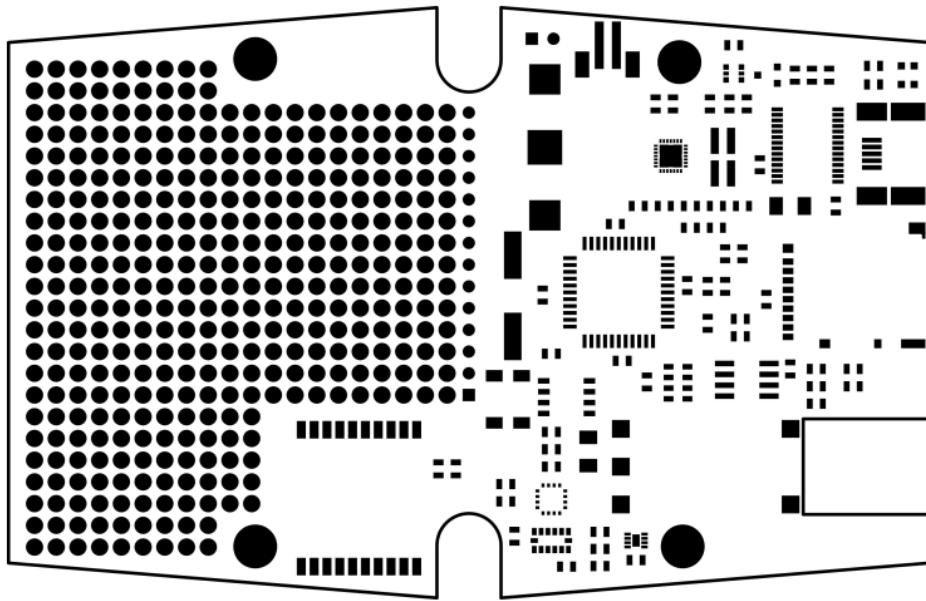
## 15 Lipo Batt



Batt.png

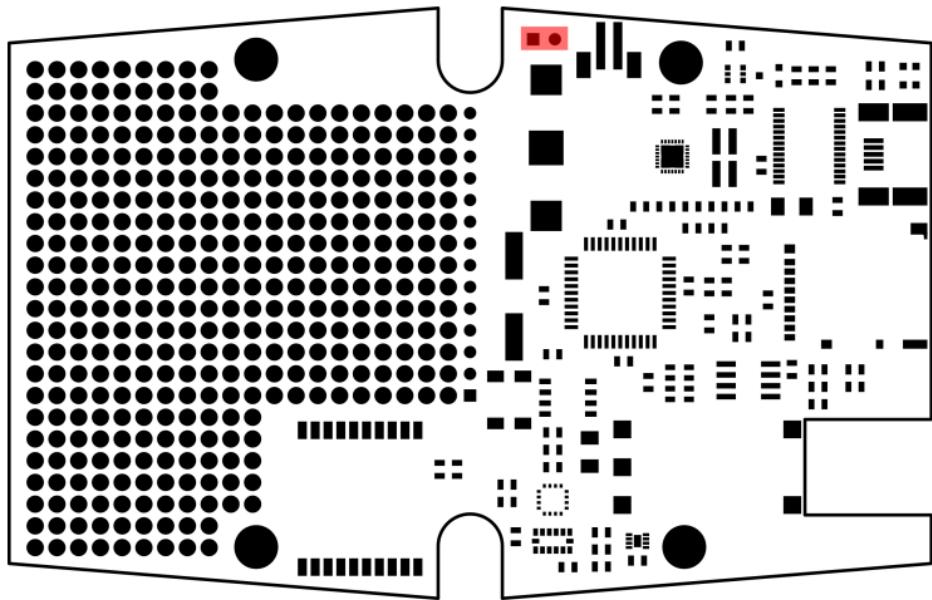
Place **1** of the **Lipo Batt** component with the **JST-2** footprint at positions:  
**P3**

## 16 CONN\_14



Place **1** of the **CONN\_14** component with the **SIL-14** footprint at positions:  
**P1**

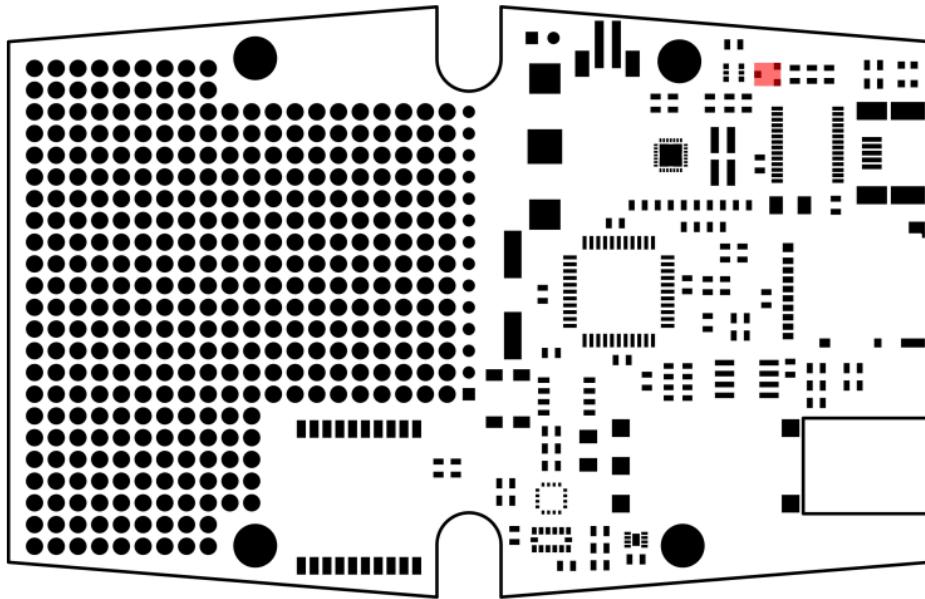
# 17 Lipo Batt



Batt.png

Place **1** of the **Lipo Batt** component with the **SIL-2** footprint at positions:  
**P2**

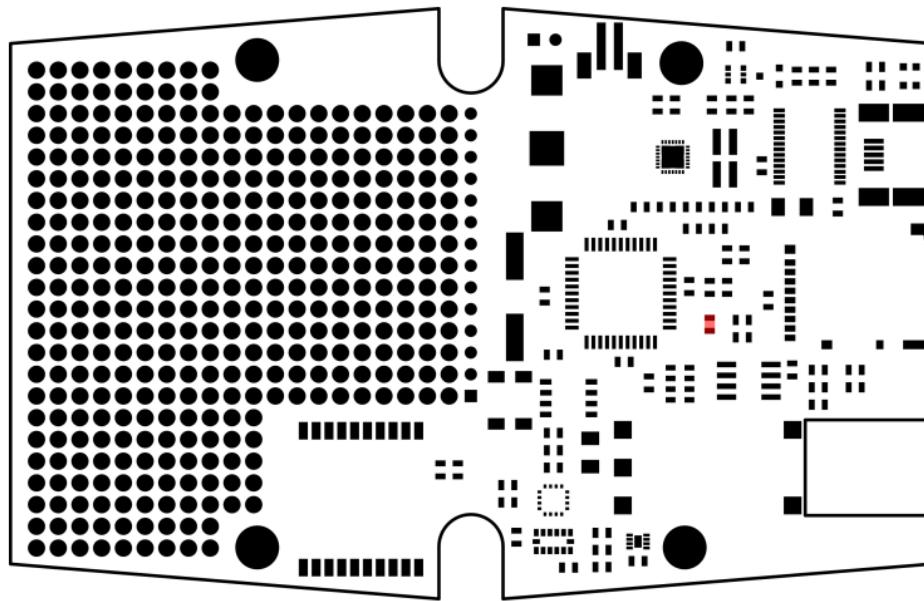
# 18 NPN



Place **1** of the **NPN** component with the **SOT-23** footprint at positions:

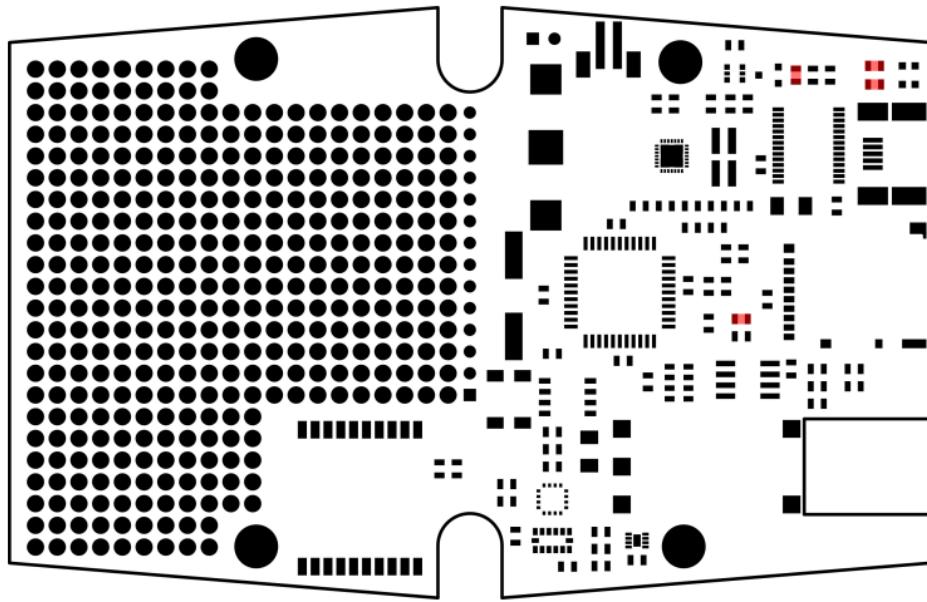
**Q1**

19 75



Place **1** of the **75** component with the **SM0603** footprint at positions:  
**R13**

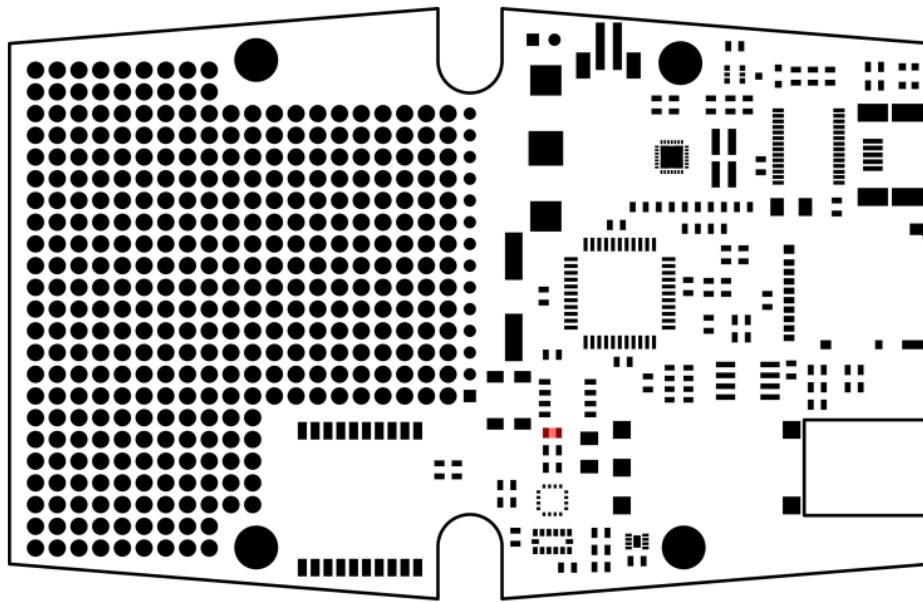
20 270



Place 4 of the **270** component with the **SM0603** footprint at positions:

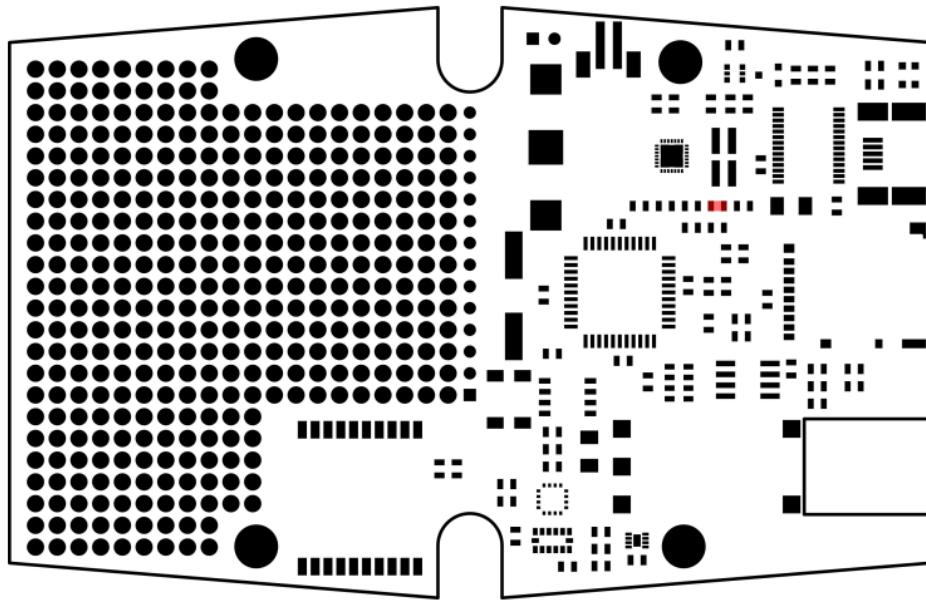
**R5 R25 R26 R28**

21 1k



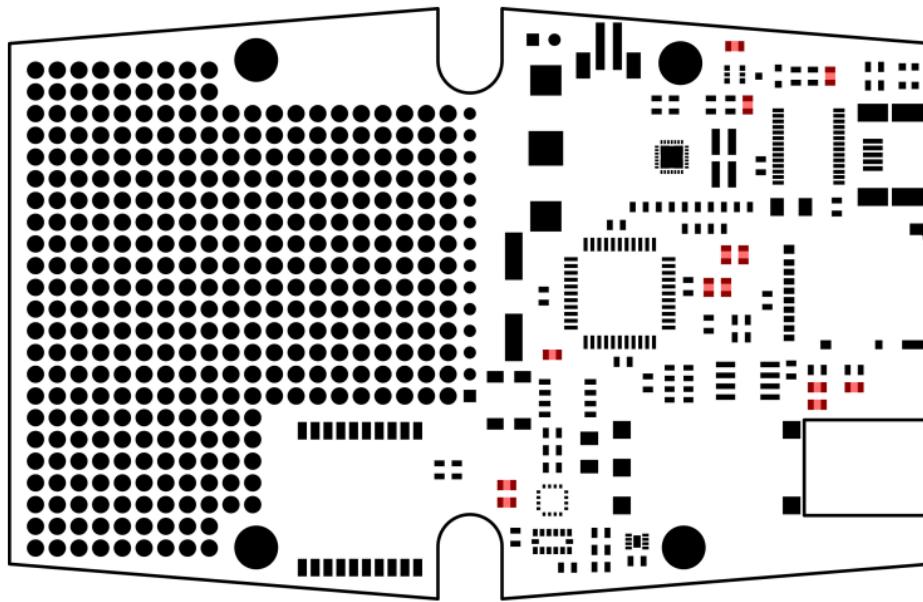
Place 1 of the **1k** component with the **SM0603** footprint at positions:  
**R9**

22 3k



Place 1 of the **3k** component with the **SM0603** footprint at positions:  
**R17**

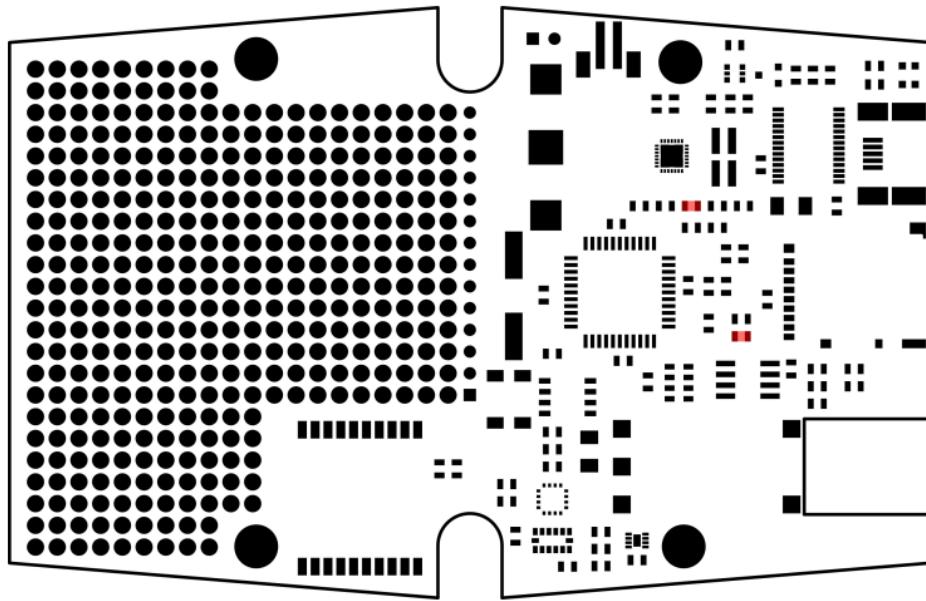
23 10k



Place **13** of the **10k** component with the **SM0603** footprint at positions:

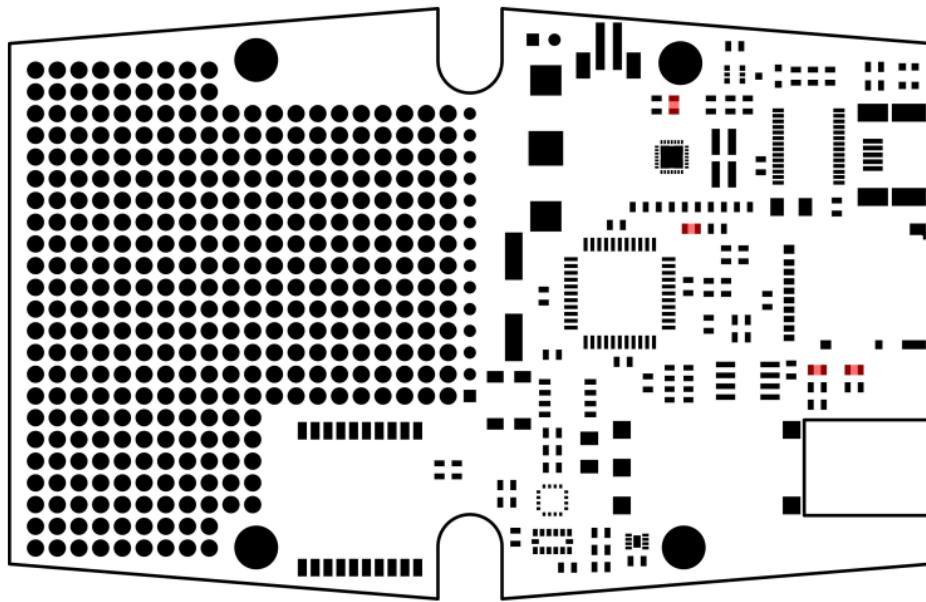
**R1 R2 R3 R4 R6 R7 R10 R14 R15 R16 R24 R27 R29**

24 20k



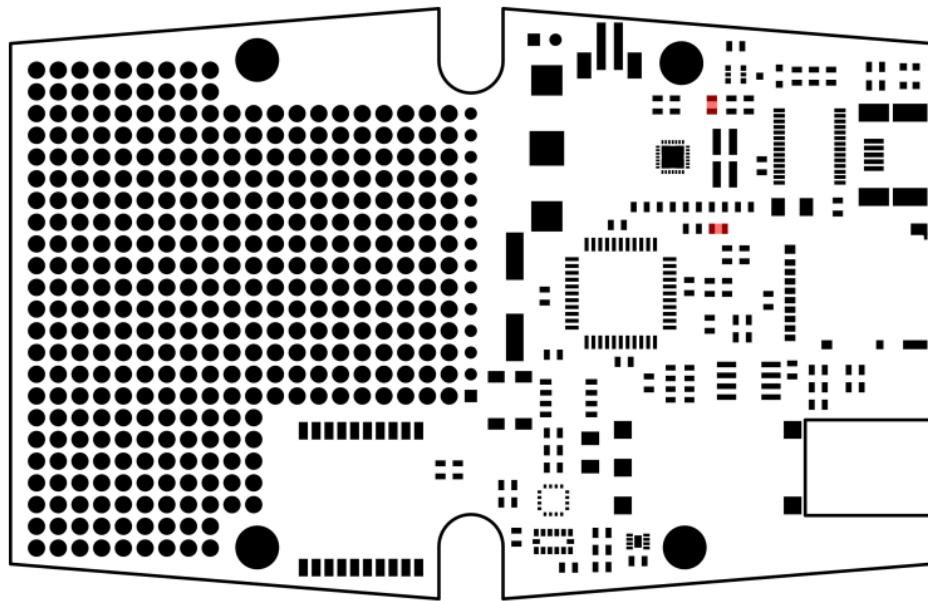
Place **2** of the **20k** component with the **SM0603** footprint at positions:  
**R8 R11**

25 100k



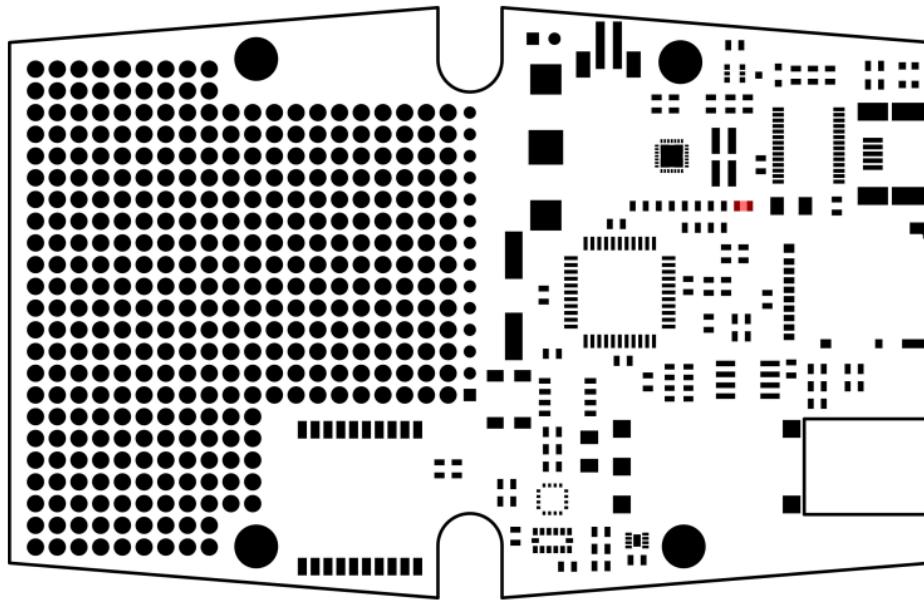
Place **4** of the **100k** component with the **SM0603** footprint at positions:  
**R18 R19 R21 R23**

26 230k



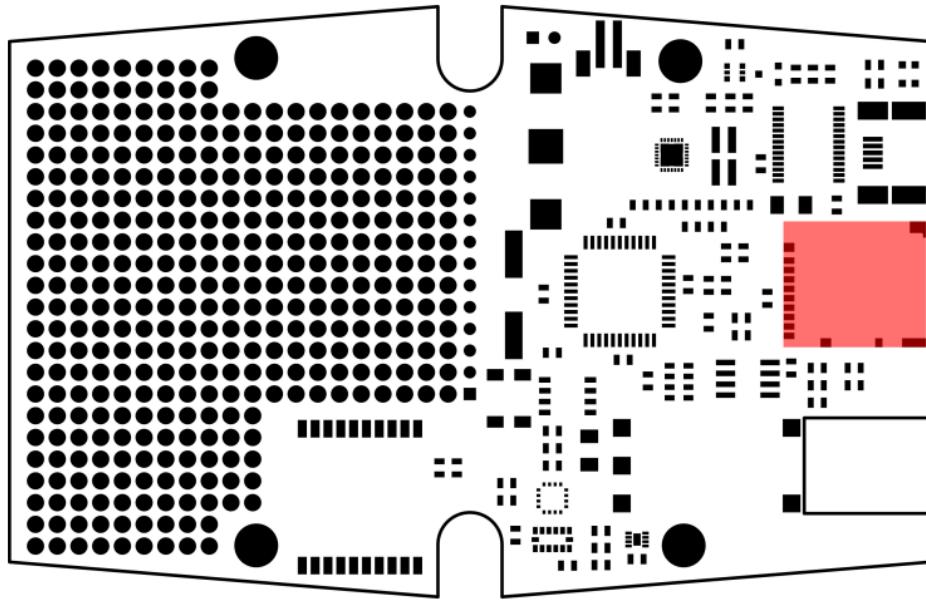
Place **2** of the **230k** component with the **SM0603** footprint at positions:  
**R20 R22**

27 470k



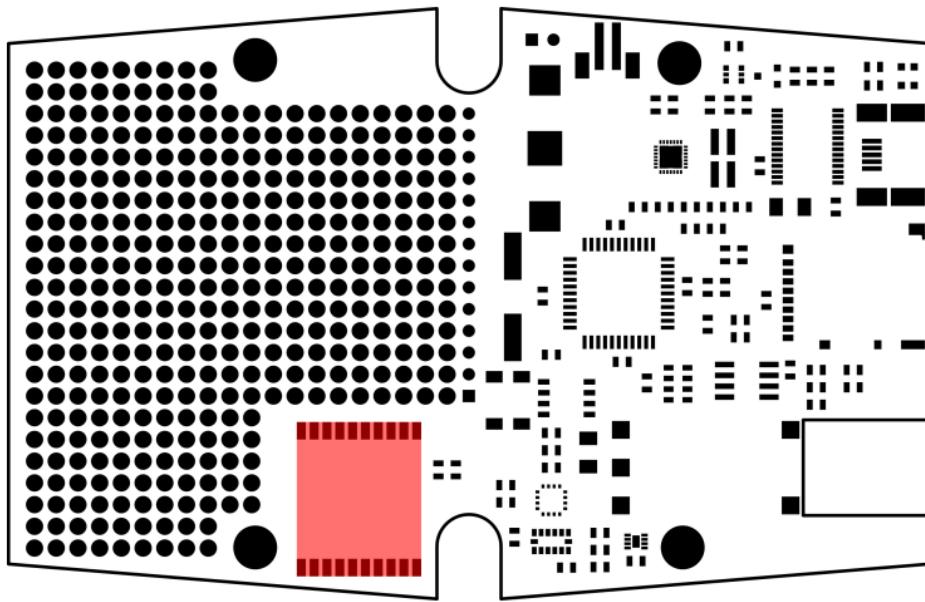
Place 1 of the **470k** component with the **SM0603** footprint at positions:  
**R12**

## 28 MICROSD



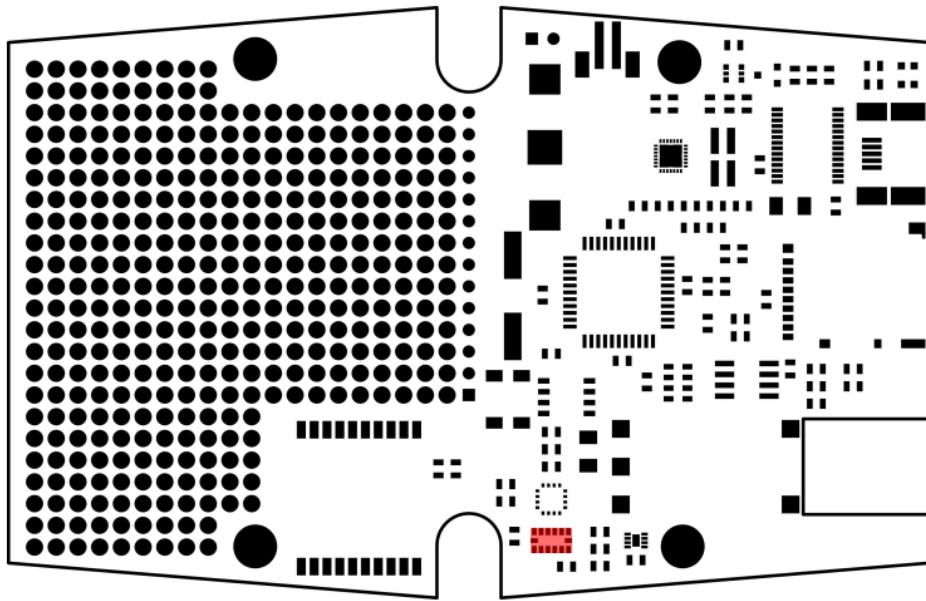
Place 1 of the **MICROSD** component with the **DM3AT-SF-PEJM5** footprint at positions:  
**U3**

## 29 FGPMMMOPA6H



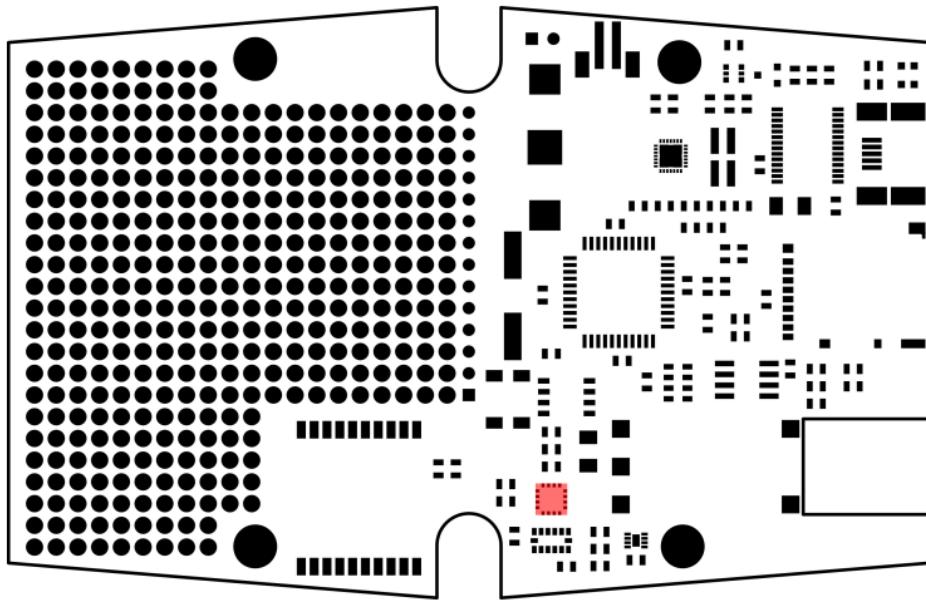
Place 1 of the **FGPMMMOPA6H** component with the **FGPM-MOPA6H** footprint at positions:  
**U2**

## 30 LSM303DLHC



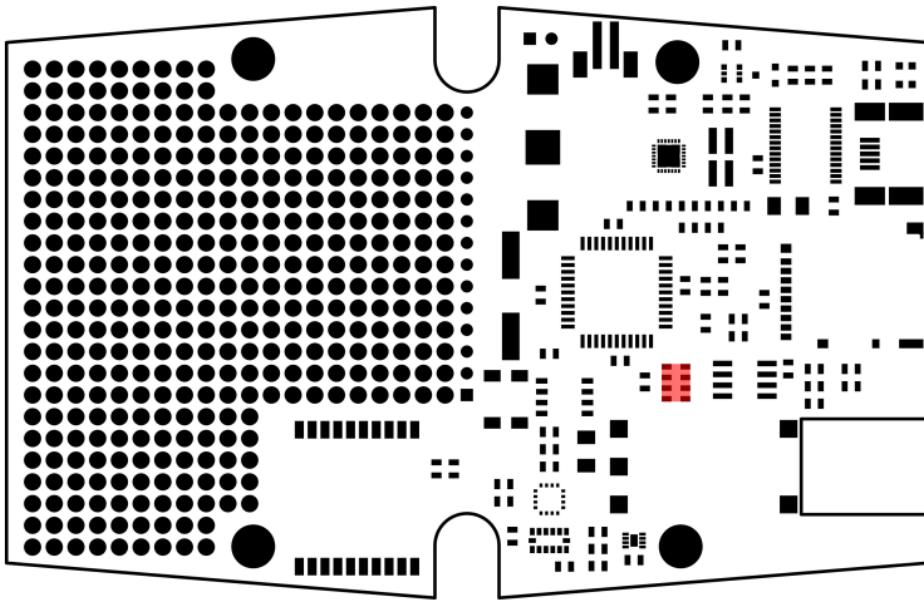
Place 1 of the **LSM303DLHC** component with the **LGA-14** footprint at positions:  
**U4**

## 31 L3GD20



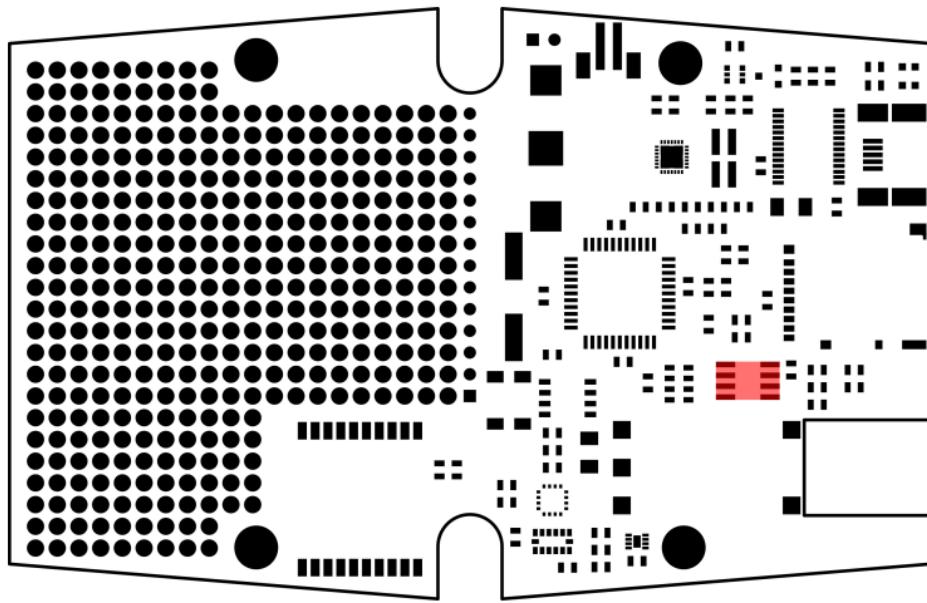
Place **1** of the **L3GD20** component with the **LGA-16** footprint at positions:  
**U5**

## 32 MS5611



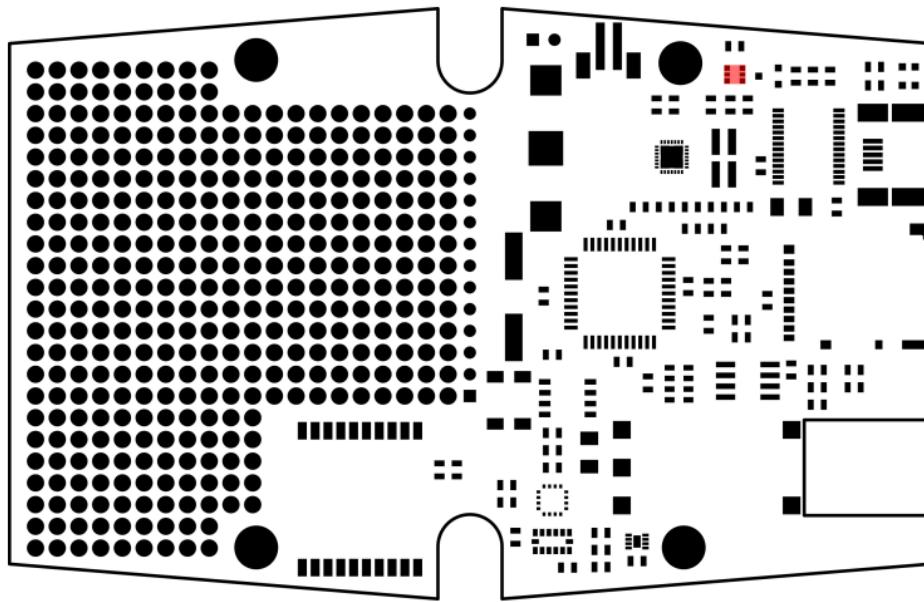
Place **1** of the **MS5611** component with the **MS5611** footprint at positions:  
**U6**

## 33 AT24C512



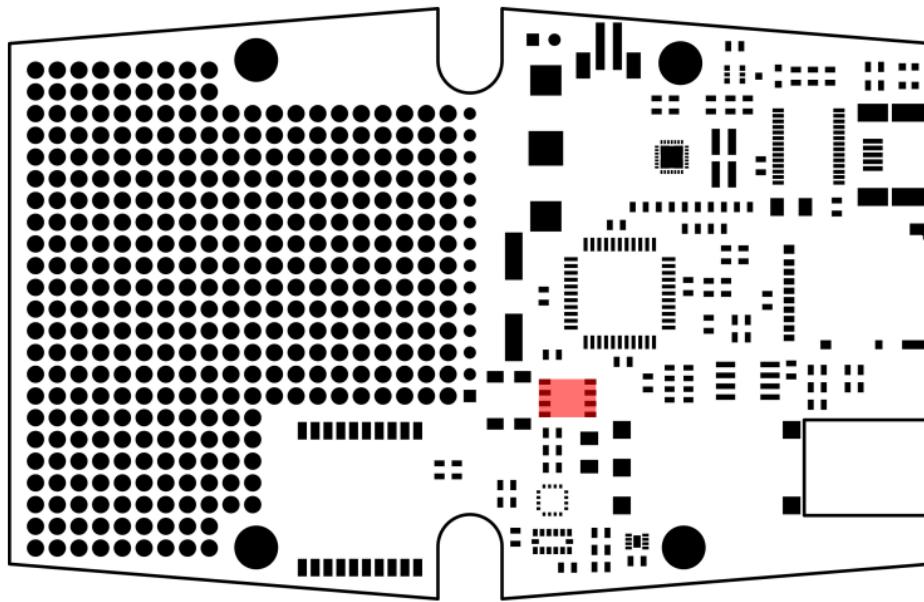
Place **1** of the **AT24C512** component with the **SOIC-8** footprint at positions:  
**U9**

# 34 74LVC2G07



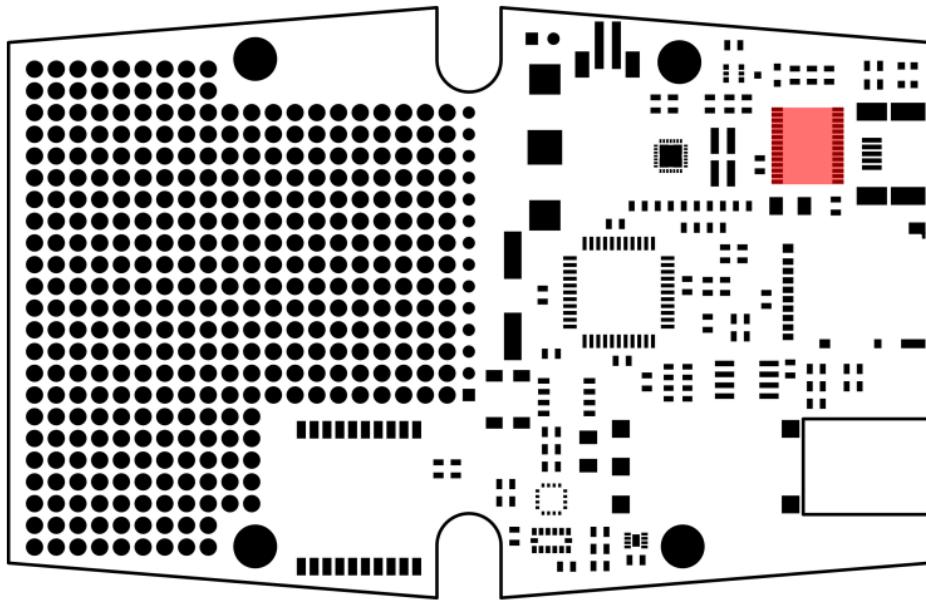
Place 1 of the **74LVC2G07** component with the **SOT363-6** footprint at positions:  
**U12**

## 35 PCF8523



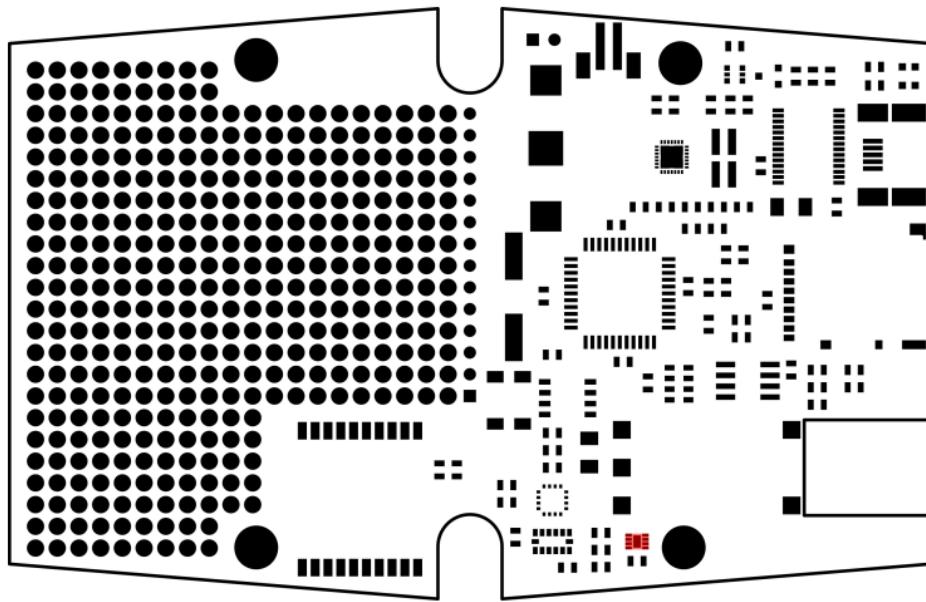
Place **1** of the **PCF8523** component with the **SOT96-1** footprint at positions:  
**U7**

## 36 FT232RL



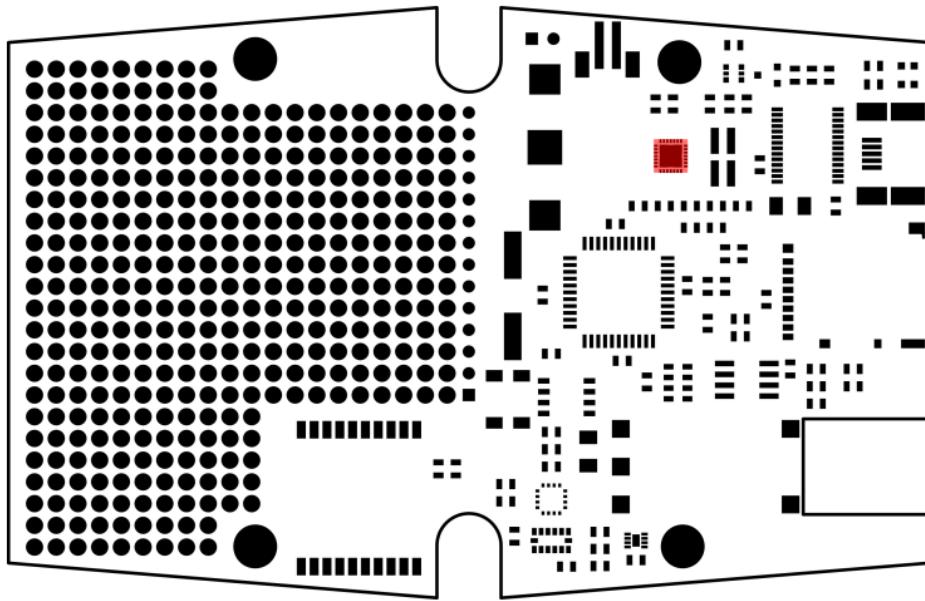
Place 1 of the **FT232RL** component with the **SSOP28** footprint at positions:  
**U11**

## 37 MAX17048



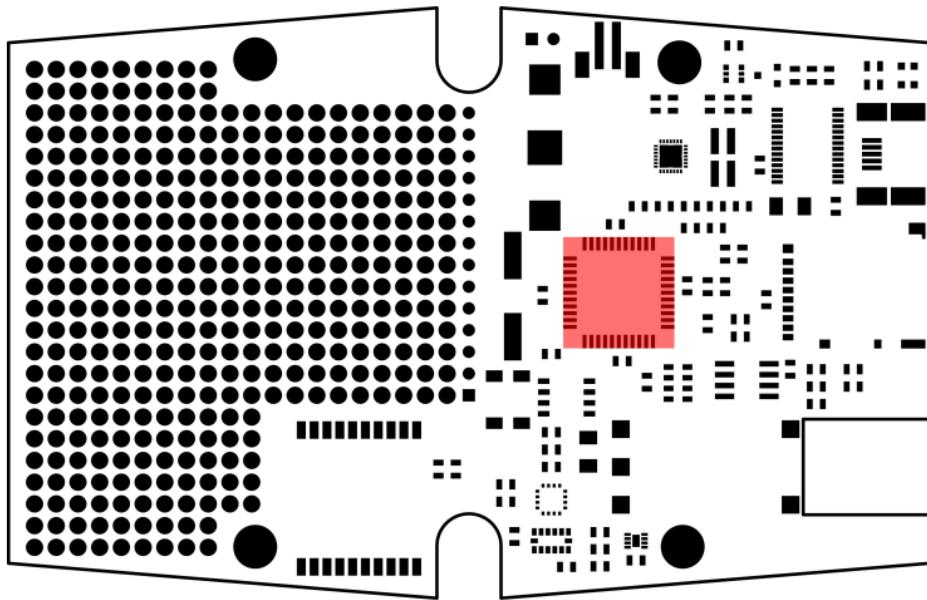
Place 1 of the **MAX17048** component with the **TDFN-EP8** footprint at positions:  
**U8**

## 38 MAX8819



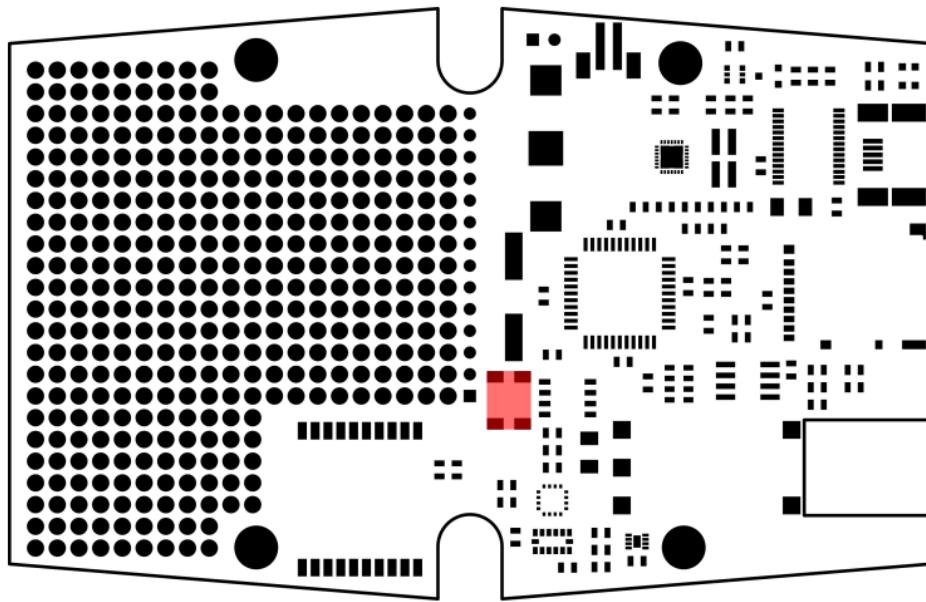
Place 1 of the **MAX8819** component with the **TQFN-EP28** footprint at positions:  
**U10**

# 39 P8X32A-Q44



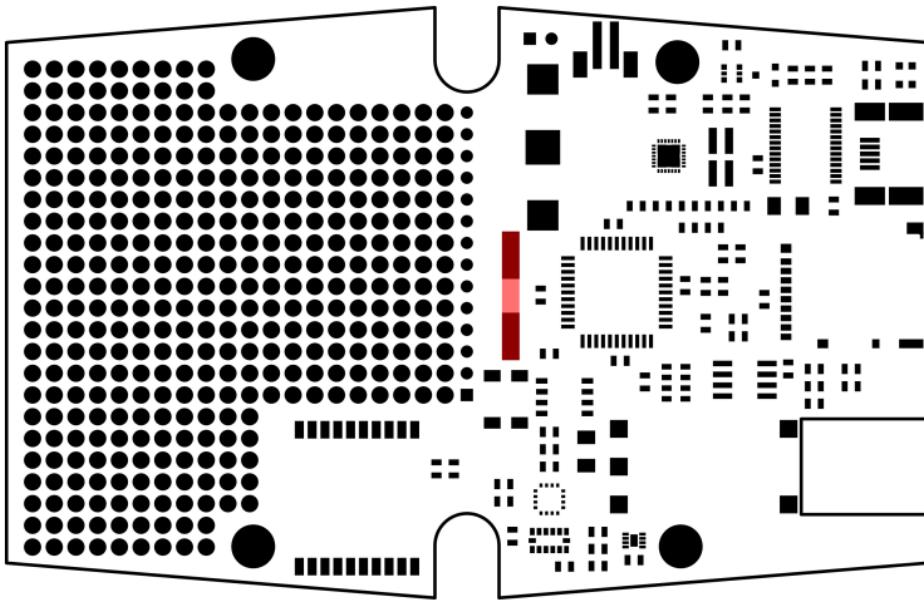
Place **1** of the **P8X32A-Q44** component with the **TQFP44** footprint at positions:  
**U1**

# 40 CM200C



Place **1** of the **CM200C** component with the **CM200C** footprint at positions:  
**X2**

## 41 CRYSTAL



Place 1 of the **CRYSTAL** component with the **HC-49US** footprint at positions:  
**X1**