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|                      |                   |                |   |                           |                                    |              |  |               |
|----------------------|-------------------|----------------|---|---------------------------|------------------------------------|--------------|--|---------------|
|                      |                   |                | Benennung/title<br><b>Iso EZO Carrier V1.0</b><br><b>Isolated EZO carrier</b>     |                           |                                    |              | -  |               |
|                      |                   |                |   |                           |                                    |              | Revision/revision<br><b>Unknown revision</b> |               |
| Größe/size <b>A4</b> | Datum/date        | Name/name      | System/system   | System Ver./sys.ver.      | Variante/variant<br><b>default</b> |              | Status/state<br><b>Prototype</b>             |               |
| Erstellt/creat.      | <b>19.07.2023</b> | <b>Leitner</b> | <b>Altium Designer</b>  | <b>22.10.1 (Build 41)</b> |                                    |              |  |               |
| Bearb./auth.         | <b>20.07.2023</b> | <b>Leitner</b> |   |                           |                                    |              |  |               |
| Pruef./check.        | -                 | -              | Schutzvermerk DIN ISO 16016 beachten/<br>refer to protection notice DIN ISO 16016 |                           | Dokumentenart/doc. type            | Version/ver. | Datum/date                                   | Blatt/sheet   |
| Freig./rel.          | -                 | -              |   |                           | <b>PCB document</b>                | <b>V1.0</b>  | <b>20.07.2023</b>                            | <b>1 of 1</b> |

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A4\_landscape\_PCB\_V2.0

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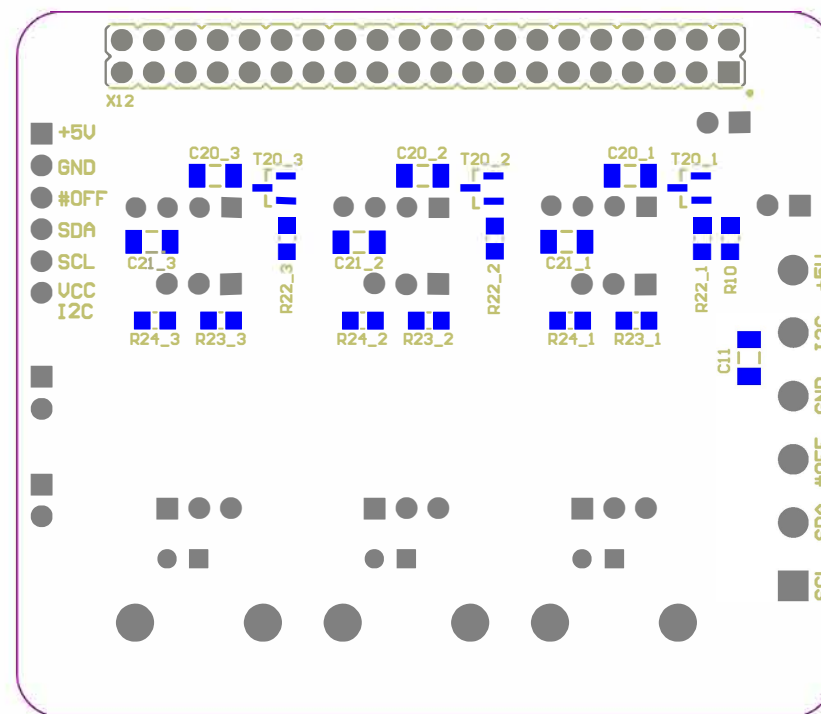
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### Design Information

|                         |             |
|-------------------------|-------------|
| Number of components    | 63          |
| Number of nets          | 39          |
| Number of pads          | 230         |
| Number of vias          | 148         |
| Number of drill holes   | 254         |
| Number of square holes  | 0           |
| Number of slotted holes | 0           |
| Number of arcs          | 33          |
| Number of polygons      | 8           |
| Number of fills         | 0           |
| Printscale              | SCALE: 1.00 |

|                 |           |                   |  |   |                           |                         |  |                   |
|-----------------|-----------|-------------------|--|---|---------------------------|-------------------------|--|-------------------|
|                 |           |                   | Benennung/title<br><b>Iso EZO Carrier V1.0</b> |   |                           |                         |  |                   |
|                 |           |                   | <b>Isolated EZO carrier</b>                    |   |                           |                         | Revision/revision<br><b>Unknown revision</b> |                   |
| Größe/size      | <b>A4</b> | Datum/date        | Name/name                                      | System/system   | System Ver./sys.ver.      | Variante/variant        |  | Status/state      |
| Erstellt/creat. |           | <b>19.07.2023</b> | <b>Leitner</b>                                 | <b>Altium Designer</b>  | <b>22.10.1 (Build 41)</b> | <b>default</b>          |  | <b>Prototype</b>  |
| Bearb./auth.    |           | <b>20.07.2023</b> | <b>Leitner</b>                                 |   |                           |                         |  |                   |
| Pruef./check.   |           | -                 | -  | Schutzvermerk DIN ISO 16016 beachten/<br>refer to protection notice DIN ISO 16016 |                           | Dokumentenart/doc. type | Version/ver.                                 | Datum/date        |
| Freig./rel.     |           | -                 | -  |   |                           | <b>PCB document</b>     | <b>V1.0</b>                                  | <b>20.07.2023</b> |
|                 |           |                   |  |   |                           |                         | Blatt/sheet                                  | <b>1 of 1</b>     |

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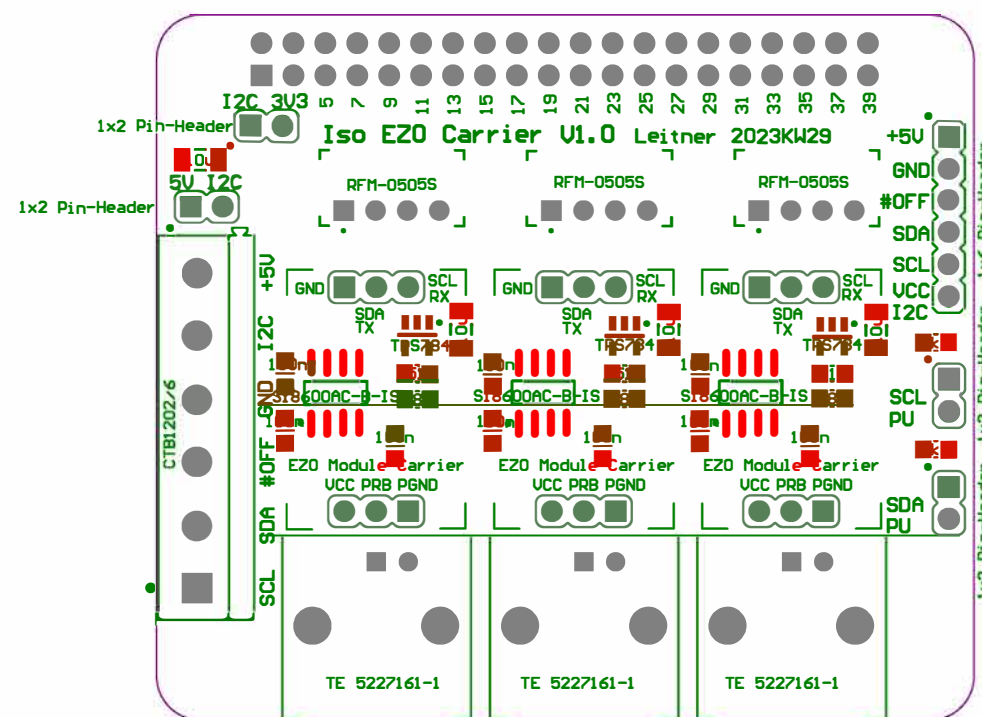
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|                      |                   |                |   |                           |                                    |              |  |               |
|----------------------|-------------------|----------------|---|---------------------------|------------------------------------|--------------|--|---------------|
|                      |                   |                | Benennung/title<br><b>iso EZO Carrier V1.0</b><br><b>Isolated EZO carrier</b>     |                           |                                    |              | -  |               |
|                      |                   |                |   |                           |                                    |              | Revision/revision<br><b>Unknown revision</b> |               |
| Größe/size <b>A4</b> | Datum/date        | Name/name      | System/system   | System Ver./sys.ver.      | Variante/variant<br><b>default</b> |              | Status/state<br><b>Prototype</b>             |               |
| Erstellt/creat.      | <b>19.07.2023</b> | <b>Leitner</b> | <b>Altium Designer</b>  | <b>22.10.1 (Build 41)</b> |                                    |              |  |               |
| Bearb./auth.         | <b>20.07.2023</b> | <b>Leitner</b> |   |                           |                                    |              |  |               |
| Pruef./check.        | -                 | -              | Schutzvermerk DIN ISO 16016 beachten/<br>refer to protection notice DIN ISO 16016 |                           | Dokumentenart/doc. type            | Version/ver. | Datum/date                                   | Blatt/sheet   |
| Freig./rel.          | -                 | -              |   |                           | <b>PCB document</b>                | <b>V1.0</b>  | <b>20.07.2023</b>                            | <b>1 of 1</b> |

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A4\_landscape\_PCB\_V2.0

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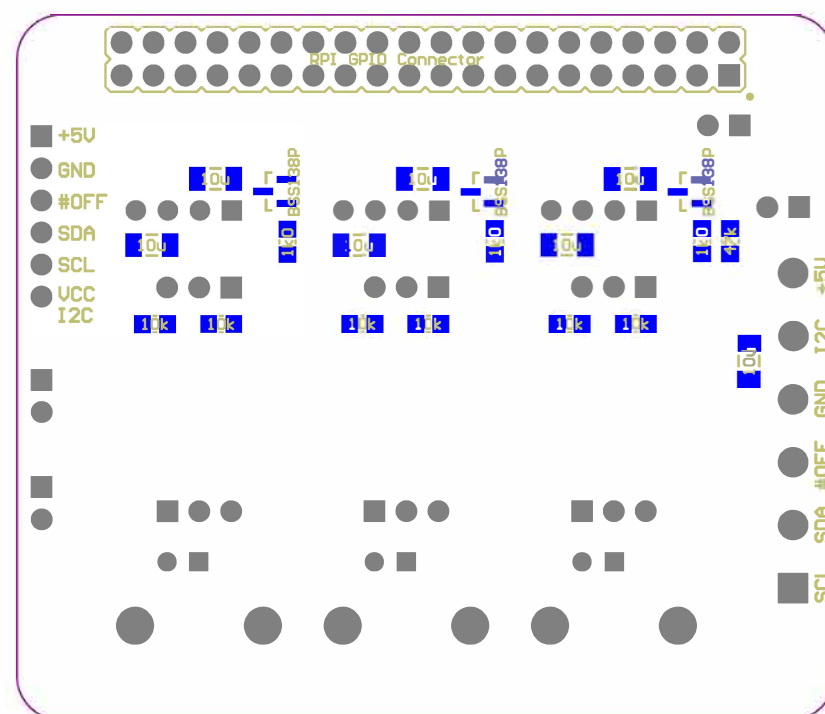
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| Design Information      |             |
|-------------------------|-------------|
| Number of components    | 63          |
| Number of nets          | 39          |
| Number of pads          | 230         |
| Number of vias          | 148         |
| Number of drill holes   | 254         |
| Number of square holes  | 0           |
| Number of slotted holes | 0           |
| Number of arcs          | 33          |
| Number of polygons      | 8           |
| Number of fills         | 0           |
| Printscale              | SCALE: 1.00 |

|                 |                   |            |  |   |                           |                         |  |                   |
|-----------------|-------------------|------------|--|---|---------------------------|-------------------------|--|-------------------|
|                 |                   |            | Benennung/title<br><b>Iso EZO Carrier V1.0</b> |   |                           |                         |  |                   |
|                 |                   |            | <b>Isolated EZO carrier</b>                    |   |                           |                         | Revision/revision<br><b>Unknown revision</b> |                   |
| Größe/size      | <b>A4</b>         | Datum/date | Name/name                                      | System/system   | System Ver./sys.ver.      | Variante/variant        |  | Status/state      |
| Erstellt/creat. | <b>19.07.2023</b> |            | <b>Leitner</b>                                 | <b>Altium Designer</b>  | <b>22.10.1 (Build 41)</b> | <b>default</b>          |  | <b>Prototype</b>  |
| Bearb./auth.    | <b>20.07.2023</b> |            | <b>Leitner</b>                                 |   |                           |                         |  |                   |
| Pruef./check.   | -                 |            | -  | Schutzvermerk DIN ISO 16016 beachten/<br>refer to protection notice DIN ISO 16016 |                           | Dokumentenart/doc. type | Version/ver.                                 | Datum/date        |
| Freig./rel.     | -                 |            | -  |   |                           | <b>PCB document</b>     | <b>V1.0</b>                                  | <b>20.07.2023</b> |
|                 |                   |            |  |   |                           |                         | Blatt/sheet                                  | <b>1 of 1</b>     |

Keine Aenderung ohne Zustimmung der federfuehrenden Konstruktion/any alterations are subject of the approval of the design department

A4\_landscape\_PCB\_V2.0

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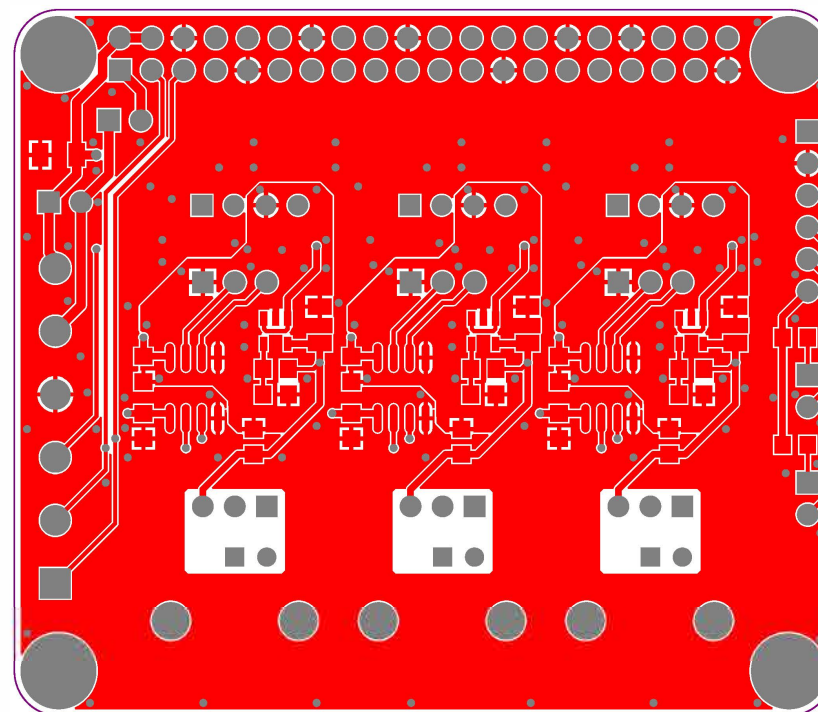
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### Design Information

Number of components  
63  
Number of nets  
39  
Number of pads  
230  
Number of vias  
148

Number of drill holes  
254  
Number of square holes  
0  
Number of slotted holes  
0

Number of arcs  
33  
Number of polygons  
8  
Number of fills  
0

Printscale  
SCALE: 1.00

|                      |                   |                |   |                           |  |              |  |               |
|----------------------|-------------------|----------------|---|---------------------------|--|--------------|--|---------------|
| -                    |                   |                | Benennung/title<br><b>Iso EZO Carrier V1.0</b>                                    |                           | -  |              | -  |               |
| -                    |                   |                | <b>Isolated EZO carrier</b>   |                           | -  |              | Revision/revision<br><b>Unknown revision</b> |               |
| Größe/size <b>A4</b> | Datum/date        | Name/name      | System/system   | System Ver./sys.ver.      | Variante/variant<br><b>[No Variations]</b> |              | Status/state<br><b>Prototype</b>             |               |
| Erstellt/creat.      | <b>19.07.2023</b> | <b>Leitner</b> | <b>Altium Designer</b>  | <b>22.10.1 (Build 41)</b> |  |              |  |               |
| Bearb./auth.         | <b>20.07.2023</b> | <b>Leitner</b> |   |                           |  |              |  |               |
| Pruef./check.        | -                 | -              | Schutzvermerk DIN ISO 16016 beachten/<br>refer to protection notice DIN ISO 16016 |                           | Dokumentenart/doc. type                    | Version/ver. | Datum/date                                   | Blatt/sheet   |
| Freig./rel.          | -                 | -              |   |                           | <b>PCB document</b>                        | <b>V1.0</b>  | <b>20.07.2023</b>                            | <b>1 of 1</b> |

Keine Aenderung ohne Zustimmung der federfuehrenden Konstruktion/any alterations are subject of the approval of the design department

A4\_landscape\_PCB\_V2.0

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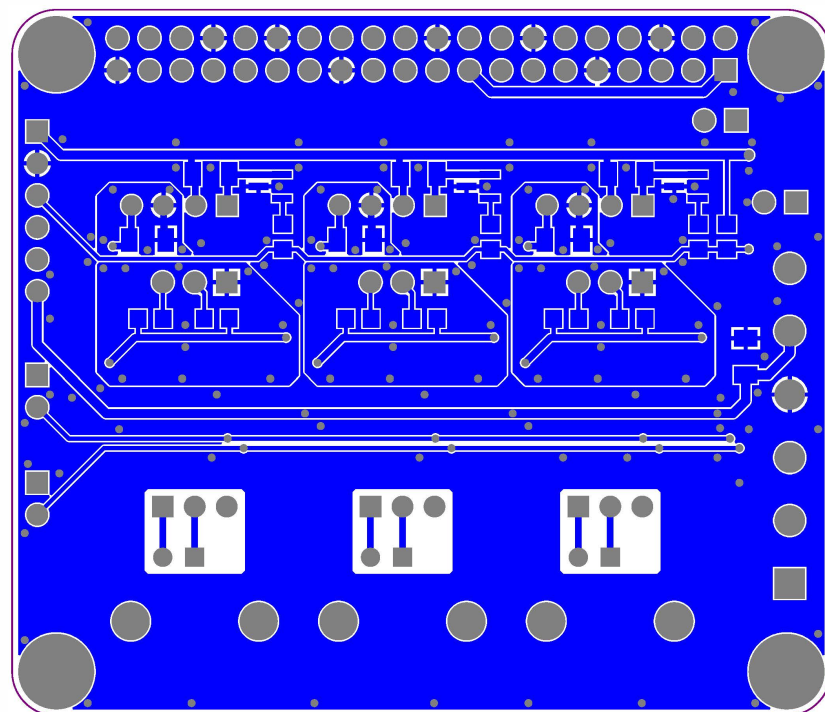
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**Design Information**

Number of components  
63  
Number of nets  
39  
Number of pads  
230  
Number of vias  
148

Number of drill holes  
254  
Number of square holes  
0  
Number of slotted holes  
0

Number of arcs  
33  
Number of polygons  
8  
Number of fills  
0

Printscale  
SCALE: 1.00

|                      |                   |                |   |                           |  |              |  |               |
|----------------------|-------------------|----------------|---|---------------------------|--|--------------|--|---------------|
|                      |                   |                | Benennung/title<br><b>Iso EZO Carrier V1.0</b>                                    |                           |  |              |  |               |
|                      |                   |                | <b>Isolated EZO carrier</b>   |                           |  |              | Revision/revision<br><b>Unknown revision</b> |               |
| Größe/size <b>A4</b> | Datum/date        | Name/name      | System/system   | System Ver./sys.ver.      | Variante/variant<br><b>[No Variations]</b> |              | Status/state<br><b>Prototype</b>             |               |
| Erstellt/creat.      | <b>19.07.2023</b> | <b>Leitner</b> | <b>Altium Designer</b>  | <b>22.10.1 (Build 41)</b> |  |              |  |               |
| Bearb./auth.         | <b>20.07.2023</b> | <b>Leitner</b> |   |                           |  |              |  |               |
| Pruef./check.        | -                 | -              | Schutzvermerk DIN ISO 16016 beachten/<br>refer to protection notice DIN ISO 16016 |                           | Dokumentenart/doc. type                    | Version/ver. | Datum/date                                   | Blatt/sheet   |
| Freig./rel.          | -                 | -              |   |                           | <b>PCB document</b>                        | <b>V1.0</b>  | <b>20.07.2023</b>                            | <b>1 of 1</b> |

Keine Aenderung ohne Zustimmung der federfuehrenden Konstruktion/any alterations are subject of the approval of the design department

A4\_landscape\_PCB\_V2.0

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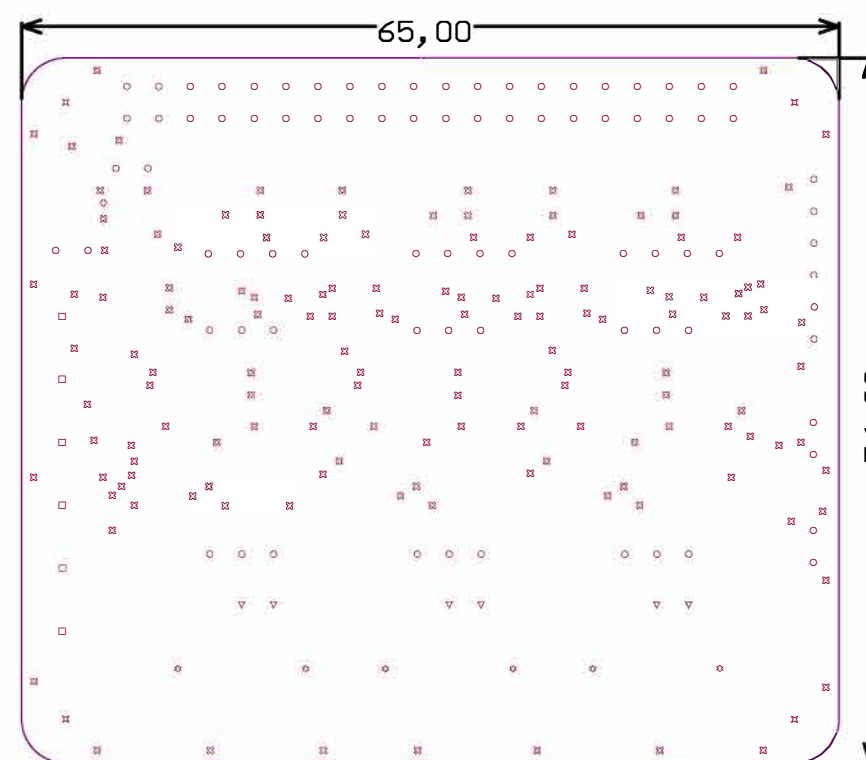
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| Symbol | Count     | Hole Size           | Hole Tolerance | Plated | Hole Type | Drill Layer Pair         | Via/Pad | Pad Shape | Template |
|--------|-----------|---------------------|----------------|--------|-----------|--------------------------|---------|-----------|----------|
| ⊗      | 147       | 0,300mm (11,81mil)  |                | PTH    | Round     | Top Layer - Bottom Layer | Via     | Rounded   | v60h30   |
| ⊕      | 1         | 0,400mm (15,75mil)  |                | PTH    | Round     | Top Layer - Bottom Layer | Via     | Rounded   | v80h40   |
| ▽      | 6         | 0,900mm (35,43mil)  |                | PTH    | Round     | Top Layer - Bottom Layer | Pad     | (Mixed)   | (Mixed)  |
| ○      | 84        | 1,000mm (39,37mil)  |                | PTH    | Round     | Top Layer - Bottom Layer | Pad     | (Mixed)   | (Mixed)  |
| □      | 6         | 1,200mm (47,24mil)  |                | PTH    | Round     | Top Layer - Bottom Layer | Pad     | (Mixed)   | (Mixed)  |
| ☆      | 6         | 2,000mm (78,74mil)  |                | PTH    | Round     | Top Layer - Bottom Layer | Pad     | Rounded   | c300h200 |
| ⊗      | 4         | 3,200mm (125,98mil) |                | PTH    | Round     | Top Layer - Bottom Layer | Pad     | Rounded   | c600h320 |
|        | 254 Total |                     |                |        |           |                          |         |           |          |

| Layer | Name           | Material      | Thickness | Constant | Gerber |
|-------|----------------|---------------|-----------|----------|--------|
|       | Top Overlay    |               |           |          | GTO    |
|       | Top Solder     | Solder Resist | 0,010mm   | 3.5      | GTS    |
| 1     | Top Layer      |               | 0,036mm   |          | GTL    |
|       | Dielectric1    | FR-4          | 1,500mm   | 4.8      |        |
| 2     | Bottom Layer   |               | 0,036mm   |          | GBL    |
|       | Bottom Solder  | Solder Resist | 0,010mm   | 3.5      | GBS    |
|       | Bottom Overlay |               |           |          | GBO    |

Total board thickness: 1,591mm



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### Design Information

Number of components  
63  
Number of nets  
39  
Number of pads  
230  
Number of vias  
148

Number of drill holes  
254  
Number of square holes  
0  
Number of slotted holes  
0

Number of arcs  
33  
Number of polygons  
8  
Number of fills  
0

Printscale  
SCALE: 1.00

C

D

D

|                      |                   |  |   |                           |  |  |                   |
|----------------------|-------------------|--|---|---------------------------|--|--|-------------------|
|                      |                   | Benennung/title<br><b>iso EZO Carrier V1.0</b> |   |                           |  |  |                   |
|                      |                   | Isolated EZO carrier                           |   |                           |  | Revision/revision<br><b>Unknown revision</b> |                   |
| Größe/size <b>A4</b> | Datum/date        | Name/name                                      | System/system   | System Ver./sys.ver.      | Variante/variant<br><b>[No Variations]</b> | Status/state<br><b>Prototype</b>             |                   |
| Erstellt/creat.      | <b>19.07.2023</b> | <b>Leitner</b>                                 | <b>Altium Designer</b>  | <b>22.10.1 (Build 41)</b> |  |  |                   |
| Bearb./auth.         | <b>20.07.2023</b> | <b>Leitner</b>                                 |   |                           |  |  |                   |
| Pruef./check.        | -                 | -  | Schutzvermerk DIN ISO 16016 beachten/<br>refer to protection notice DIN ISO 16016 |                           | Dokumentenart/doc. type                    | Version/ver.                                 | Datum/date        |
| Freig./rel.          | -                 | -  |   |                           | <b>PCB document</b>                        | <b>V1.0</b>                                  | <b>20.07.2023</b> |
|                      |                   |  |   |                           |  | Blatt/sheet                                  | <b>1 of 1</b>     |

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A4\_landscape\_PCB\_V2.0

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