



| RevNo | Revision note | Date | Signature | Checked |
|-------|---------------|------|-----------|---------|
|-------|---------------|------|-----------|---------|

| RefDes | Value |
|--------|---------------------|
| C1 | 220uf / 6.3V |
| C2 | 100n |
| C3 | 100n |
| C4 | 22 |
| C5 | 100n |
| C6 | 100n |
| C7 | 22 |
| D1 | SS110 |
| D2 | Power |
| D3 | TVS |
| D4 | TVS |
| D5 | TVS |
| D6 | TVS |
| D7 | TVS |
| D8 | SM712 |
| F1 | 1812 0.1A |
| F2 | 1812 0.1A |
| J1 | Power |
| J2 | Input 1, 2, 3, 4, 5 |
| J3 | Output 1 |
| J4 | Output 2 |
| J5 | Output 3-5 |
| J6 | RS485 |
| J7 | HTU21D |
| J8 | SWD |
| J9 | DS18B20 |
| L1 | 68uH |
| R1 | 1k |
| R2 | 150 |
| R3 | 10k |
| R4 | 1k |
| R5 | 150 |
| R6 | 1k |
| R7 | 10k |
| R8 | 1k |
| R9 | 150 |
| R10 | 10k |
| R11 | NTC22D-9 |
| R12 | 100 |
| R13 | 1k |
| R14 | 150 |
| R15 | 10k |
| R16 | NTC22D-9 |
| R17 | 100 |
| R18 | 1k |
| R19 | 150 |
| R20 | 10k |
| R21 | NTC47D-15 |
| R22 | 100 |
| R23 | 18k |
| R24 | 10k |
| R25 | NTC47D-15 |
| R26 | 100 |
| R27 | NTC47D-15 |
| R28 | 100 |
| R29 | 150 |
| R30 | 3.3k |
| R31 | 18k |
| U1 | MINI360 3.3V |
| U2 | STM32F051K818 |
| U3 | ADM3485 |
| V01 | PC817 |
| V02 | PC817 |
| V03 | PC817 |
| V04 | AQH3213 |
| V05 | PC817 |
| V06 | AQH3213 |
| V07 | PC817 |
| V08 | HHCI0-1/032F-38-4A |
| V09 | HHCI0-1/032F-38-4A |
| V010 | HHCI0-1/032F-38-4A |
| Y1 | 8MHz |

| Itemref | Quantity | Title/Name, designation, material, dimension etc | | | Article No./Reference | |
|-------------|----------|--|----------------------------------|--------------|-----------------------|--------------|
| Designed by | | Checked by | Approved by - date - 00/00/00 | File name | Date 00/00/00 | Scale 1:1 |
| | | | | | | |
| | | | | Edition 0 | | Sheet 1/1 |