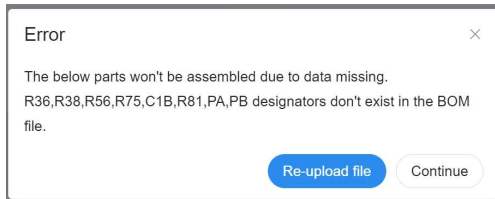


T1_M930GW_Terminator_Board ordering instructions

The following instructions serve as a guide to order assembled M930GW Terminator Boards directly from JLCPCB

JLCPCB ordering options that are different from the default options:

- Upload the Gerber file: “Gerber_PCB_M930GW v0.zip”
- PCB Qty: select the desired quantity
- Surface Finish: **ENIG**
- Gold Fingers: **Yes**
- 30° finger chamfered: **Yes**
- PCB Assembly: flip the switch to “on”
- Click “**CONFIRM**”
- Click “**NEXT**”
- Click “**Add BOM File**” and upload the file: “BOM_PCB_M930GW v0_2023-05-24.csv”
- Click “**Add CPL File**” and upload the file: “PickAndPlace_PCB_M930GW v0_2023-05-24.csv”
- Click “**Process BOM & CPL**”
- You will see the following error but don’t be concerned because this is expected. Some parts are in the schematic but selected as “do not install”:



- Click “**Continue**”
- Confirm that all 5 part types are available. Click “**NEXT**”.
If there is not a sufficient quantity of any of the 5 part types, then either decrease the order quantity or chose a substitute part that is compatible with the part footprint. Refer to the table below for JLCPCB internal part numbers that are suitable substitutes.
- View the parts placement diagram. Click “**NEXT**”.
- View the Quote & Order summary form. Click “**SAVE TO CART**”.

Alternate parts:

| ID | Name | Designator | Footprint | Qty | LCSC Part | Basic/ Ext | Alternate Parts |
|----|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----|-----------|------------|---------------------------------------------------------------------------------|
| 1 | 470nF | C8, C9, C4, C5, C6, C7 | C0603 | 6 | C1623 | Basic | |
| 2 | 47uF | C1A | C1210 | 1 | C92824 | Ext | C650995 (22μF), C5372271 (22μF) |
| 2A | 47uF | C1B, alternate to C1A | C1206 | 0 | C968787 | Ext | |
| 3 | 1nF | C2, C3 | C0603 | 2 | C1588 | Basic | |
| 4 | 178Ω | R1, R3, R5, R7, R9, R11, R13, R15, R17, R19, R21, R23, R25, R27, R29, R31, R33, R35, R37, R39, R41, R43, R45, R47, R49, R51, R53, R55, R58, R60, R62, R64, R66, R70, R72, R74, R76, R78, R80, R82, R84, R86, R88, R90, R92, R94, R96, R98, R100, R102, R104, R106, R108, R110 | R1206 | 54 | C368153 | Ext | C204702, C247359, C229355, C246657, C488675 |
| 5 | 383Ω | R2, R4, R6, R8, R10, R12, R14, R16, R18, R20, R22, R24, R26, R28, R30, R32, R34, R40, R42, R44, R46, R48, R50, R52, R54, R57, R59, R61, R63, R65, R67, R68, R69, R71, R73, R77, R79, R83, R85, R87, R89, R91, R93, R95, R97, R99, R101, R103, R105, R107, R109 | R0603 | 51 | C23036 | Ext | C5126195, C101006, C12976, C321886, C227849, C217993, C367801, C429428, C861360 |