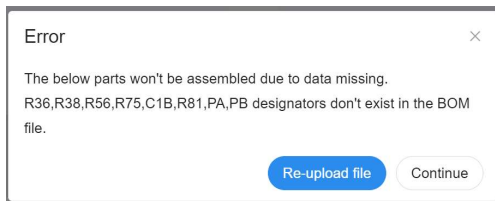


T1_M930GW_Terminator_Board ordering instructions

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 choose 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, LCSC Numbers
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