

Responses to RushPCB's Questions

March 3, 2020

- J3, J7 – through hole -- **Please provide the through hole part number?**

Link to part: <https://www.digikey.com/product-detail/en/sullins-connector-solutions/PPTC122LFBN-RC/S7080-ND/810218>

- reference designators for U8, U16: Connector (HDR1X8) NPTC081KFXC-RC -- **Can you please mention in PDF and send us for QA process?**

U8 – top left

U16 – bottom right

Here's the PDF. I hope this is what you're requesting.

- reference designators for U9, U17: (HDR1X5) NPPC051KFXC-RC -- **Can you please mention in PDF and send us for QA process?**

U9 - bottom right

U17 - top left

Here's the PDF. I hope this is what you're requesting.

- reference designators for U6, U19, U7, U20: (HDR1X19) NPTC191KFXC-RC -- **Can you please mention in PDF and send us for QA process?**

U6 - top left

U19 – top left

U7 – top left

U20 - top left

Here's the PDF. I hope this is what you're requesting.

- D1, D2 – Is SMA -- **Will install the part as is.**

Thank you.

- 22uF C12/C23 - 1206 (from your previous design you connected a polarized cap to VDD, should that be changed?) -- **part won't install, Footprint is small (0402) & part is 1206. Please advise?**

Link to part: <https://www.digikey.com/product-detail/en/avx-corporation/04026D226MAT2A/478-9839-1-ND/5964924>

Unfortunately, since the PCB footprint is small (0402), I can only select a non-polarized component at the given voltage.

- 0.47uF C11/C24 - 0201 -- **part won't install, Footprint is large (0402) & part is 0201. Please advise?**

Link to part: <https://www.digikey.com/product-detail/en/murata-electronics/GJM1555C1HR47BB01D/490-17797-1-ND/8540033>