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Quote Number: 8579-9777

QUOTE

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QUOTE / SOLD TO:

SHIP TO:

Goddard Space Flight Center  
8800 Greenbelt Rd  
GREENBELT MD 20771-2400  
USA

Contacts: Ryan Ridley | ryan.j.ridley@nasa.gov  
Ryan Ridley | ryan.j.ridley@nasa.gov

**Project Name: 3\_COLD\_TPC\_Telem\_PM5V\_PDU Rev: 1**

In stock components will be ordered from vendors and should arrive by the time the boards do.  
Assembly turn will begin when all materials are received.

Quote is subject to verification. Prices do not include tax, shipping or discounts.

Product	Qty	Assembly Labor	Materials	Misc. Charges	Discount	Freight	Sales Tax	Total Price	Unit Price
16 Day Total Turn Time (5 Day Full Proto Assembly, 10 Day PCBExpress Fabrication + 1 day Fab handling, and Parts)									
	2	\$948.43	\$1,759.53 <sup>†</sup>	--	--	--	--	\$2,870.45 <sup>†</sup>	\$1,435.22 <sup>†</sup>

<sup>†</sup> Quote does not include additional materials or services which will be priced by Screaming Circuits after the formal quote has been requested.

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Print Date: 9/16/2025

**Quote Number: 8579-9777**
**QUOTE**
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**Assembly Information:**

<b>Quantity:</b>	2	<b>Double Sided:</b>	Yes
<b>Unique Part Count:</b>	19	<b>RoHS / Lead Free:</b>	Yes
<b>Placements:</b>	54	<b>Class III:</b>	No
<b>Flex/Rigid-Flex Board:</b>	No	<b>Thru-Hole:</b>	5
<b>Export Controlled:</b>	No	<b>BGA / QFN:</b>	Yes
<b>Rated Order:</b>	None		

**PCB Fabrication Information:**

Manufactured to PCBExpress specs:

<b>Extra Boards:</b>	0	<b>Thickness:</b>	0.062 in
<b>Size</b>	4 X 5 inches	<b>Number of Copper Layers:</b>	6
<b>Engineering Level:</b>	Limited Review	<b>Finished Copper Weight:</b>	1 oz.
<b>Outer Trace/Space:</b>	6 - 9 mils	<b>Inner Trace/Space:</b>	6 - 9 mils
<b>Material:</b>	FR4 150 Tg	<b>Solder Color:</b>	Red (Semi-Gloss) (Both)
<b>Silkscreen Color:</b>	White (Both)	<b>Silkscreen Clipping:</b>	Yes
<b>Surface Finish:</b>	Tin Lead	<b>First Article Inspection (Blank PCB):</b>	None
<b>Smallest Hole:</b>	11 mils	<b>Routing:</b>	Individual
<b>Plated Slots:</b>	0	<b>Plated Cutouts:</b>	0
<b>Non-Plated Slots / Cutouts:</b>	0	<b>Countersink Count:</b>	0
<b>Counterbore Count:</b>	0	<b>Gold Fingers:</b>	0
<b>Gold Finger Sides:</b>	1	<b>Bevel:</b>	None
<b>Inspection Level:</b>	IPC A 600 Class 2	<b>Cross Section Report:</b>	No
<b>Standard Multilayer Construction:</b>	Yes	<b>Electrical Test:</b>	Yes
<b>ViaPlug:</b>	No	<b>File Conversion:</b>	No
<b>Plated Edges:</b>	No	<b>UL Certification:</b>	No
<b>Blind / Buried Vias:</b>	No	<b>Date Code:</b>	No
<b>Castellated Holes:</b>	No	<b>Lot Code:</b>	No
<b>Controlled Impedance:</b>	None	<b>Cage Code:</b>	No
<b>Serialization:</b>	No	<b>Sunstone Logo:</b>	No

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**Panel Approval Prior to  
Manufacturing:** No

**Controlled Depth Milling:** No

**COVID-19 Critical Project:** No

**Certificate of Conformance  
(Blank PCB):** No

**Fab Comment:**

**Parts Information:**

You have requested a formal quote of your BOM.