



1140 Northwest 3rd Avenue, Canby, OR 97013

Tel 503.263.9100 / 1.866.784.5887

info@screamingcircuits.com

Quote Number: 9135-3551

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: 5_COLD_TPC_Charge_Pre_Amp 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	\$1,385.99	\$2,727.87 [†]	--	--	--	--	\$4,360.70 [†]	\$2,180.35 [†]

[†] 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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<https://www.screamingcircuits.com/resource-center/terms-and-conditions>

Print Date: 9/16/2025

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Assembly Information:

Quantity:	2	Double Sided:	Yes
Unique Part Count:	51	RoHS / Lead Free:	Yes
Placements:	123	Class III:	No
Flex/Rigid-Flex Board:	No	Thru-Hole:	18
Export Controlled:	No	BGA / QFN:	Yes
Rated Order:	None		

PCB Fabrication Information:

Manufactured to PCBExpress specs:

Extra Boards:	0	Thickness:	0.062 in
Size	5.2 X 5.2 inches	Number of Copper Layers:	10
Engineering Level:	Limited Review	Finished Copper Weight:	1 oz.
Outer Trace/Space:	6 - 9 mils	Inner Trace/Space:	6 - 9 mils
Material:	FR4 150 Tg	Solder Color:	Green (Semi-Gloss) (Both)
Silkscreen Color:	White (Both)	Silkscreen Clipping:	Yes
Surface Finish:	Tin Lead	First Article Inspection (Blank PCB):	None
Smallest Hole:	11 mils	Routing:	Individual
Plated Slots:	0	Plated Cutouts:	0
Non-Plated Slots / Cutouts:	0	Countersink Count:	0
Counterbore Count:	0	Gold Fingers:	0
Gold Finger Sides:	1	Bevel:	None
Inspection Level:	IPC A 600 Class 2	Cross Section Report:	No
Standard Multilayer Construction:	Yes	Electrical Test:	Yes
ViaPlug:	No	File Conversion:	No
Plated Edges:	No	UL Certification:	No
Blind / Buried Vias:	No	Date Code:	No
Castellated Holes:	No	Lot Code:	No
Controlled Impedance:	None	Cage Code:	No
Serialization:	No	Sunstone Logo:	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.