

# MEPNN Supplier Scouting Opportunity Synopsis

## Section 1: General Information

Scouting Number	2025-224
Item to be Scouted	Arduino - microcontroller
Days to be scouted	21
Response Due By	07/23/2025
Description	Arduino is an open-source electronics platform based on easy-to-use hardware and software, designed for anyone to create interactive projects. It's essentially a physical programmable circuit board (a microcontroller) paired with a piece of

## Section 2: Technical Information

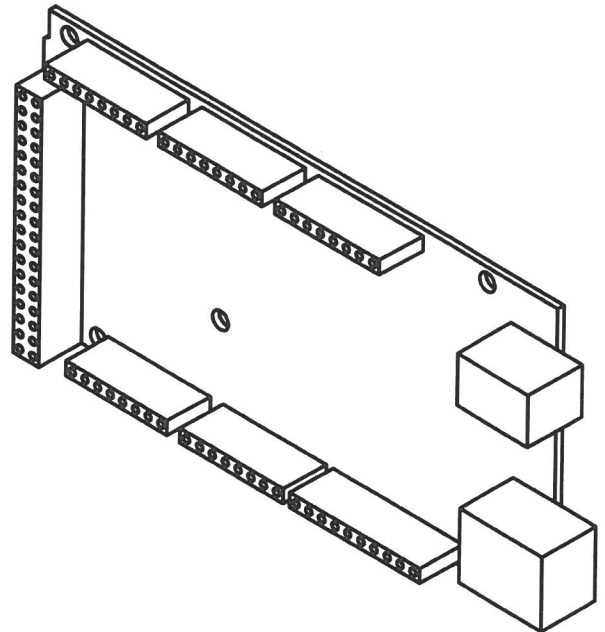
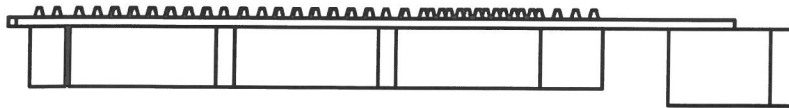
Type of supplier being sought	Manufacturer
Reason	Re-shore
Describe the manufacturing processes (elaborate to provide as much detail as possible)	It is basically a circuit board - microcontroller. Similar manufacturing process. NOT BABA, but looking for a USA manufacturer.
Provide dimensions / size / tolerances / performance specifications for the item	See attached drawings. 2.1 x 4
List required materials needed to make the product, including materials of product components	Typical small circuit board assembly materials. MEGA 2560 R3 Board with CH340
Are there applicable certification requirements?	Yes
Certification(s) required	ISO 13485 ,ISO 9001
Are there applicable regulations?	No
Are there any other standards, requirements, etc.?	No
Additional Technical Comments	Certifications are desired, but it is not mandatory.

## Section 4: Business Information

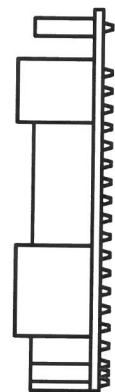
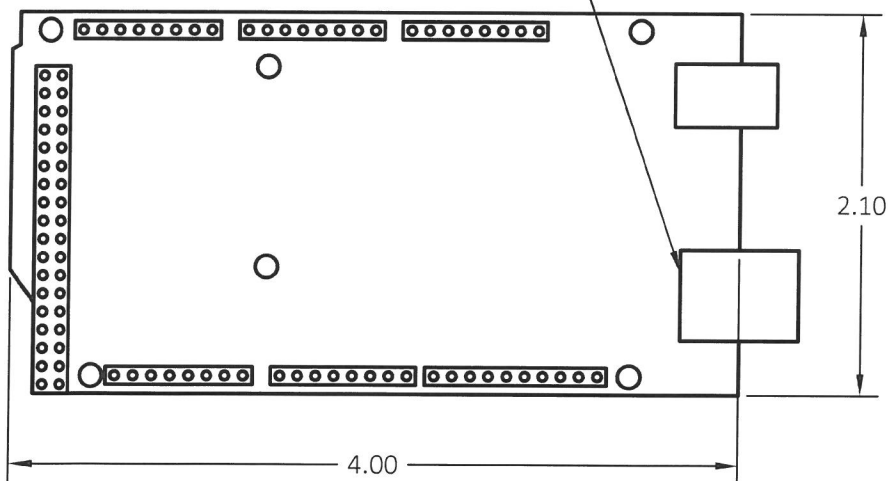
Estimated potential business volume	1,000 / yr
Estimated target price / unit cost information (if unavailable explain)	TBD w manufacturer. Assuming based on volume.
When is it needed by?	ASAP. Client willing to connect ASAP to discuss with manufacturers.
Describe packaging requirements	NA
Where will this item be shipped?	Atlanta, GA

## Additional Comments

Is there other information you would like to include?	
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USB B Connector



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	NAME	DATE	UNLESS OTHERWISE SPECIFIED:		Project: Common	
			UNIT OF MEASURE:	INCHES		
DRAWN	Jared Ziegenbein	5/6/2022	TOLERANCES: ANGULAR: MACH $\pm 0.5^\circ$ BEND $\pm 1.0^\circ$ <i>All angles 90° unless otherwise specified.</i>		Part: Arduino MEGA 2560	
CHECK	JAC 5/9/22		INCHES	MM	DWG. NO. 101250-QC	
COLOR			X	$\pm 0.063$	$\pm 1.600$	REV. A
MATERIAL			X.X	$\pm 0.025$	$\pm 0.635$	
			X.XX	$\pm 0.020$	$\pm 0.508$	
FINISH			X.XXX	$\pm 0.005$	$\pm 0.125$	
			SCALE: 1:1	APPROX. WEIGHT:		SHEET 1/1