



Digit 360 MCU NN CTRL

Copyright (c) Meta Platforms, Inc. and affiliates.
All rights reserved.
This source code is licensed under the license found in the
LICENSE file in the root directory of this source tree.

A

B

C

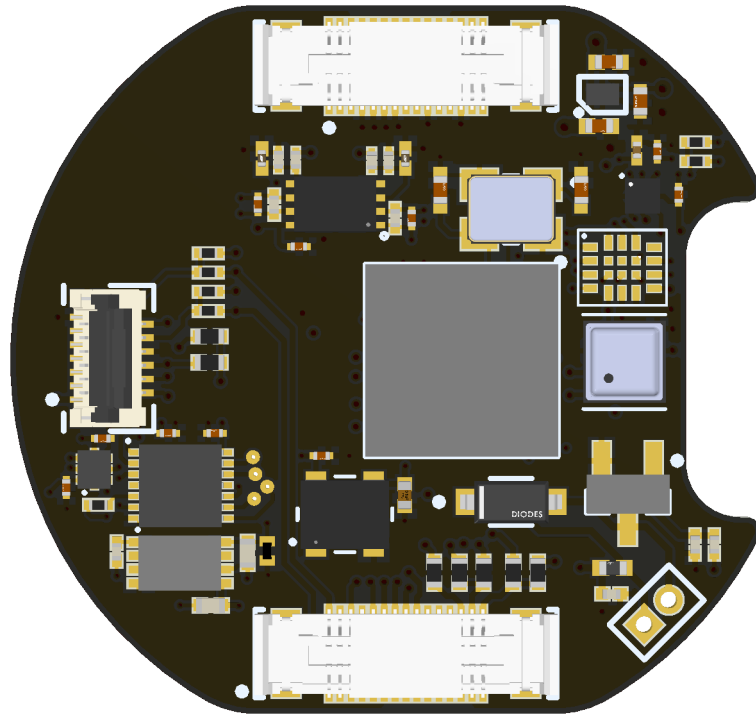
D

E

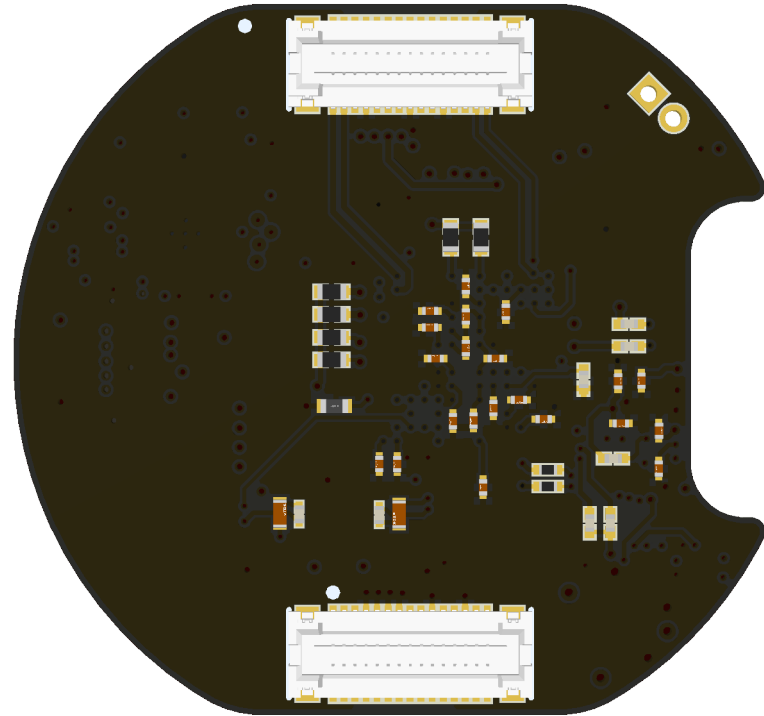
1

1

Realistic View



Realistic View



2

3

4

A

B

C

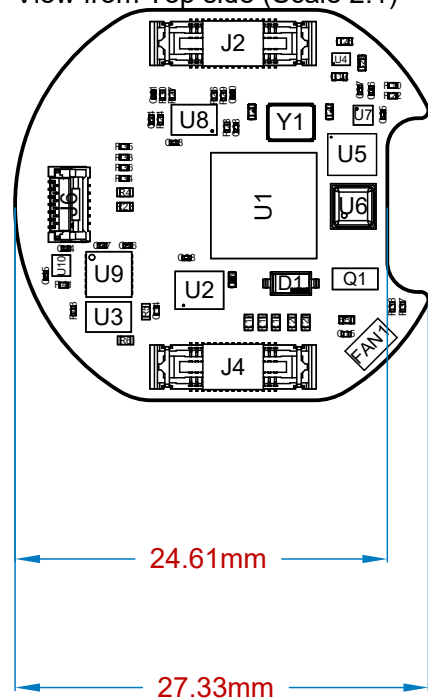
D

E

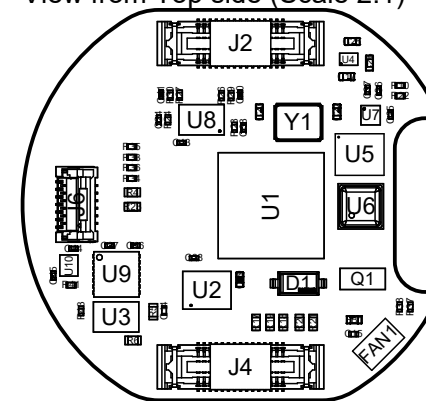
NOTES: UNITS IN MILLIMETERS UNLESS OTHERWISE SPECIFIED

1. INTERPRET THIS DRAWING IN ACCORDANCE WITH IPC-D-325A
2. BOARD FABRICATION AND QUALITY PER IPC-6012, CLASS 2, EXCEPT SPECIFIED HEREIN
3. MUST COMPLY WITH EUROPEAN DIRECTIVE 2002/95/EC (RoHS)
4. DIMENSIONAL LIMITS APPLY AFTER PLATING OR COATING
5. BOW AND TWIST MAXIMUM IS 0.75%
6. MATERIAL: LAMINATE AND PREPREG SHALL BE IN ACCORDANCE WITH IPC-4101/21. 170 DEGREES CELSIUS MINIMUM T_g, UL 94V-0
7. STACKUP SUMMARY:
 - A. NUMBER OF COPPER LAYERS: 8
 - B. BOARD THICKNESS SHALL BE 62mil +/- 10%
 - C. COPPER: See Layer Stack
 - D. DEFAULT TRACE/SPACE: 5mil / 5mil
 - E. CONDUCTOR WIDTH TOLERANCE = +/- 0.01mm
8. SURFACE FINISH/PLATING:
 - A. BOARD SHALL BE IMMERSION GOLD PLATED (ENIG) ACCORDING TO IPC-4552. THICKNESS SHALL BE A MINIMUM OF 0.05µm GOLD OVER 3-6µm NICKEL
9. SOLDERMASK WITH LIQUID PHOTO IMAGEABLE (LPI) PER IPC-SM-840C, CLASS T. COLOR: MATTE BLACK
10. SILKSCREEN PER SUPPLIED ARTWORK WITH ORGANIC, NON-CONDUCTIVE, EPOXY INK. SILKSCREEN MAY BE TRIMMED OFF ANY SOLDERABLE ENTITY. COLOR: WHITE
11. 100% BARE BOARD ELECTRICAL TEST TO BE DONE WITH REFERENCE TO SUPPLIED NETLIST
12. LOCATE MANUFACTURER'S IDENTIFICATION AND LOT CODE ON PRIMARY SIDE FREE FROM ALL METAL ENTITY RENDERED IN SILKSCREEN.
13. DETAILS NOT SPECIFIED ARE AT MANUFACTURER'S OPTION BUT FINAL APPROVAL MUST BE OBTAINED

View from Top side (Scale 2:1)



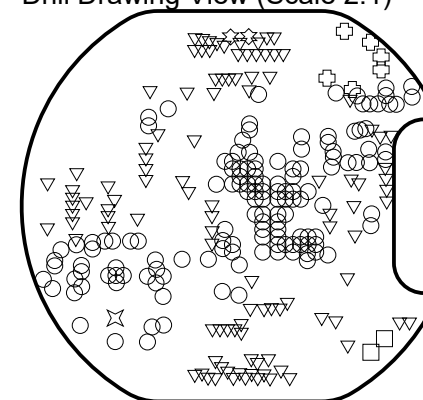
View from Top side (Scale 2:1)


























Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
○	141	0.15mm	Plated	
✕	1	0.20mm	Plated	
▽	108	0.20mm	Plated	
⊕	6	0.30mm	Plated	
☆	2	0.36mm	Plated	
□	2	0.60mm	Plated	
260 Total				

Drill Drawing View (Scale 2:1)



Stack-Up (or similar)

Layer	Base CU / Plt	Thick	Type	Stackup	Subs	Imp	Material	Dk	Df
Silkscreen		0.00					Taiyo-SS - White		
Soldermask		0.60					Taiyo-SM - Green	2.70	0.033
Lyr1	0.5oz / Std	1.80	S						
Prepreg		7.64		 			370HR - 2x2113	3.99	0.022
Lyr2	1oz	1.20	P						
Core		8.00					370HR - 8.0mils	4.61	0.021
Lyr3	1oz	1.20	S						
Prepreg		6.68		 			370HR - 2x2113	3.99	0.022
Lyr4	1oz	1.20	P						
Core		8.00					370HR - 8.0mils	4.61	0.021
Lyr5	1oz	1.20	P						
Prepreg		6.68		 			370HR - 2x2113	3.99	0.022
Lyr6	1oz	1.20	S						
Core		8.00					370HR - 8.0mils	4.61	0.021
Lyr7	1oz	1.20	P						
Prepreg		7.64		 			370HR - 2x2113	3.99	0.022
Lyr8	0.5oz / Std	1.80	S						
Soldermask		0.60					Taiyo-SM - Green	2.70	0.033
Silkscreen		0.00					Taiyo-SS - White		

Required Thickness

Type	Req. Thick	Tol% +	Tol% -	Act. Thick	Measured
Overall	62.0	10.0	10.0	64.6	
Over lamination	58.4	10.0	10.0	61.0	
Over laminate	57.2	10.0	10.0	59.8	
Over metal	60.8	10.0	10.0	63.4	

