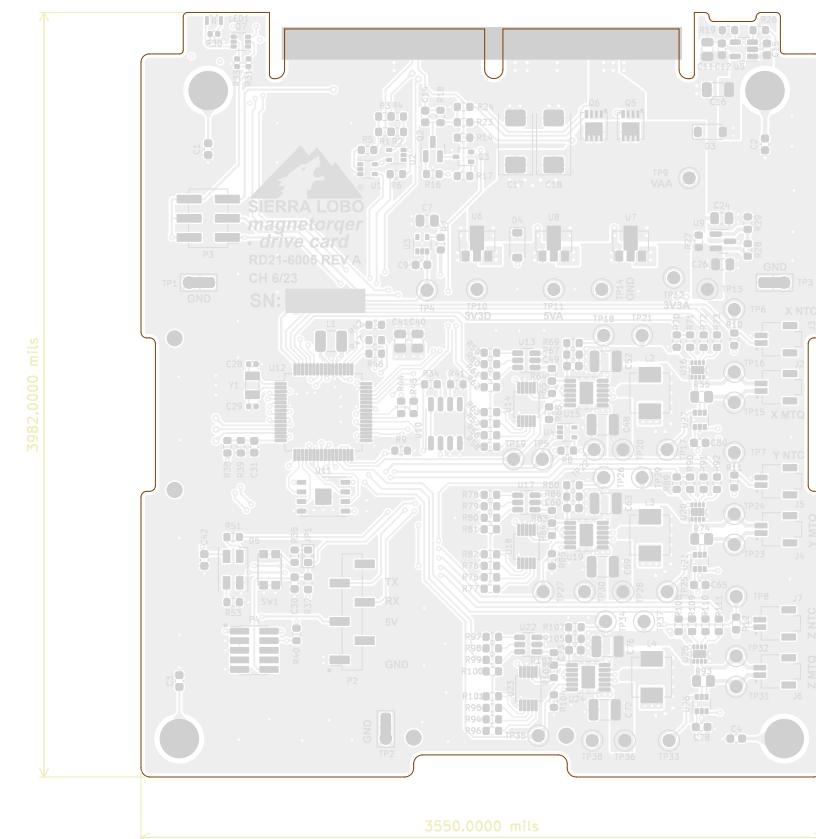


1 2 3 4 5 6 7 8



#### BOARD CHARACTERISTICS

Copper Layer Count: 4 Board Thickness: 62.99 mils  
Board overall dimensions: 3550.00 mils x 3982.00 mils  
Min track/spacing: 8.00 mils / 8.00 mils Min hole diameter: 8.00 mils  
Copper Finish: ENIG Impedance Control: No  
Castellated pads: No Plated Board Edge: No  
Edge card connectors: Yes, Bevelled

#### FAB NOTES:

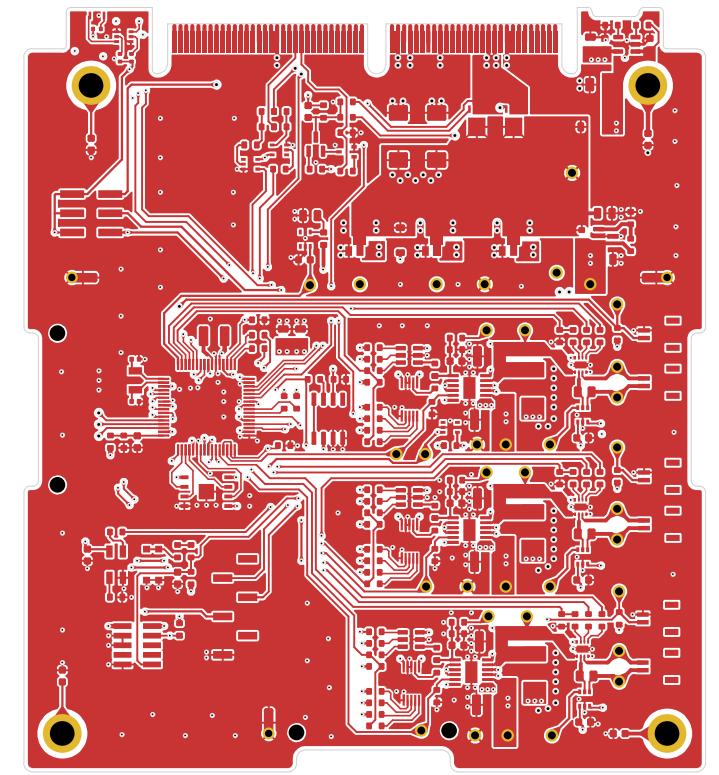
1. IPC-6012E Class 2
2. Matte Green soldermask, White silkscreen.
3. Fabricate on SH260
4. 1oz outer, 1oz inner copper.
5. Bevel edge connector 30 degrees minimum.
6. Board target thickness shall be 0.062"
7. Immersion gold plating on finger thickness shall be 2U"



TECHNOLOGY DEVELOPMENT & ENGINEERING CENTER EAST  
11401 HOOVER ROAD, MILAN, OHIO 44846

TITLE		PWA, CUBESAT MAGNETORQER DRIVER		
SIZE	DWG NO.			REV
B	RD21-6005			A
DRAWN BY	CH	ENGINEER	CH	2023-06-30
FILE NAME	magetotorqe-drive-board.kicad_pcb	KiCad E.D.A. kicad 7.0.5		SHEET 1 OF 1

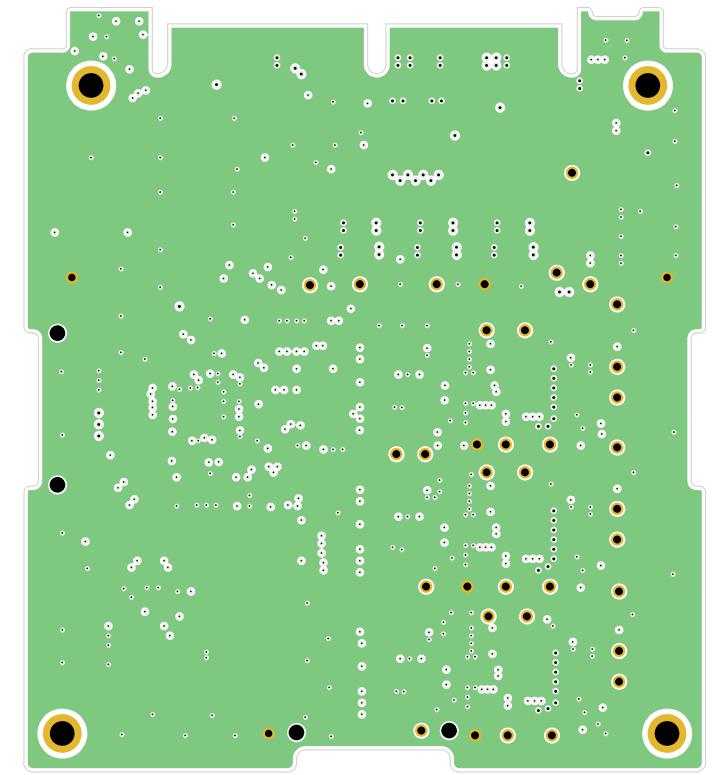
1 2 3 4 5 6 7 8



TECHNOLOGY DEVELOPMENT & ENGINEERING CENTER EAST  
11401 HOOVER ROAD, MILAN, OHIO 44846

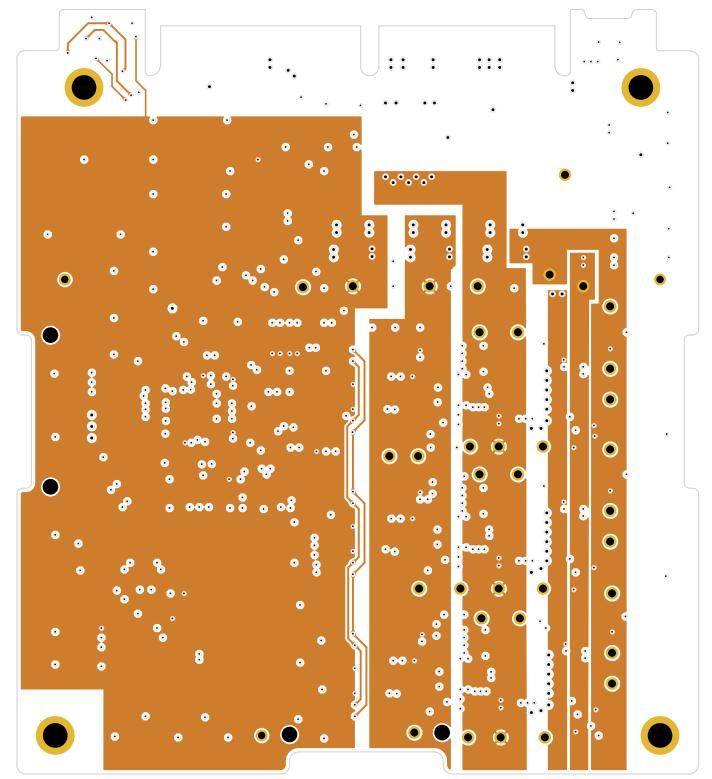
TITLE PWA, CUBESAT MAGNETORQER DRIVER

SIZE	DWG NO.	REV		
B	RD21-6005	A		
DRAWN BY	CH	ENGINEER	CH	2023-06-30
FILE NAME	magnetorqer-drive-board.kicad_pcb			KiCad E.D.A. KiCad 7.0.5
1	2	3	4	SHEET 1 OF 1



TECHNOLOGY DEVELOPMENT & ENGINEERING CENTER EAST  
11401 HOOVER ROAD, MILAN, OHIO 44846

TITLE				
SIZE	DWG NO.	REV		
B	RD21-6005	A		
DRAWN BY	CH	ENGINEER	CH	2023-06-30
FILE NAME	magntotorqer-drive-board.kicad_pcb	KiCad E.D.A. kicad 7.0.5		SHEET 1 OF 1



TECHNOLOGY DEVELOPMENT & ENGINEERING CENTER EAST  
11401 HOOVER ROAD, MILAN, OHIO 44846

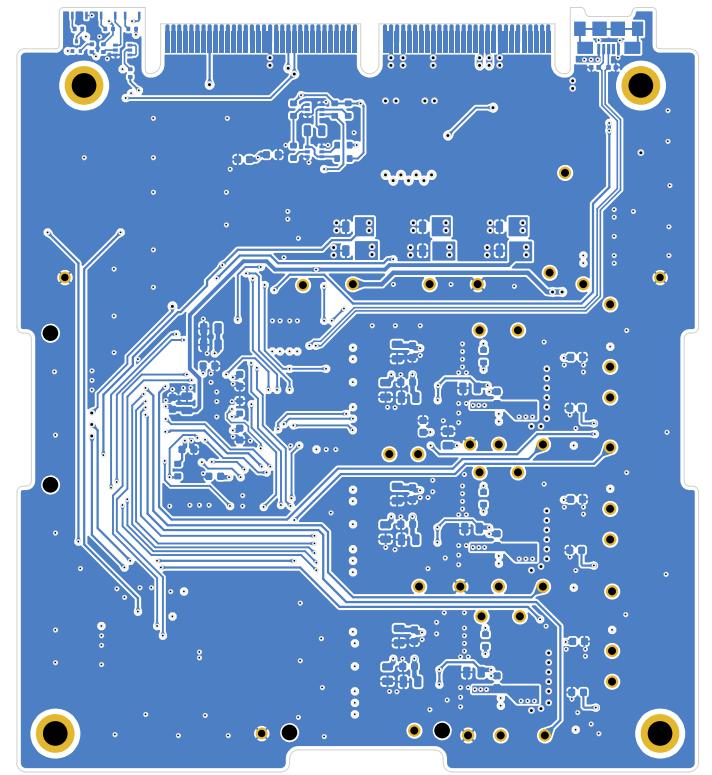
TITLE PWA, CUBESAT MAGNETORQER DRIVER

SIZE DWG NO. RD21-6005 REV A

DRAWN BY CH ENGINEER CH 2023-06-30

FILE NAME magnetorqer-drive-board.kicad\_pcb KiCad E.D.A. kicad 7.0.5 SHEET 1 OF 1

A	1	2	3	4	5	6	7	8	A
B									B
C									C
D									D
E									E
1	2	3	4	5	6	7	8		



TECHNOLOGY DEVELOPMENT & ENGINEERING CENTER EAST  
11401 HOOVER ROAD, MILAN, OHIO 44846

**TITLE** PWA, CUBESAT MAGNETORQER DRIVER

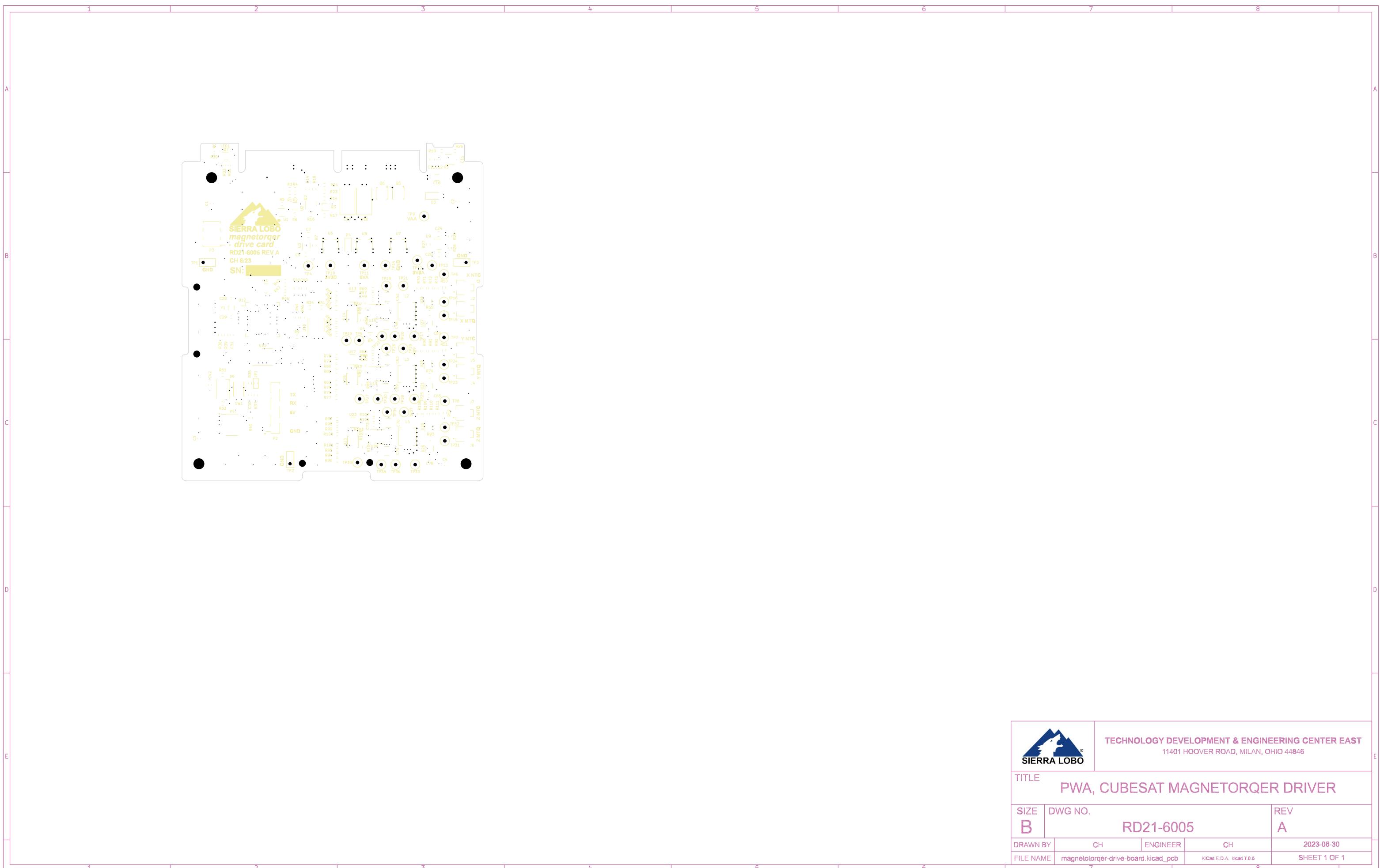
**SIZE** DWG NO. **B** RD21-6005 **REV** A

DRAWN BY CH ENGINEER CH 2023-06-30

FILE NAME magnetorqer-drive-board.kicad\_pcb KiCad E.D.A. kicad 7.0.5 SHEET 1 OF 1

A	1	2	3	4	5	6	7	8	A
B									B
C									C
D									D
E									E
1	2	3	4	5	6	7	8		

1 2 3 4 5 6 7 8



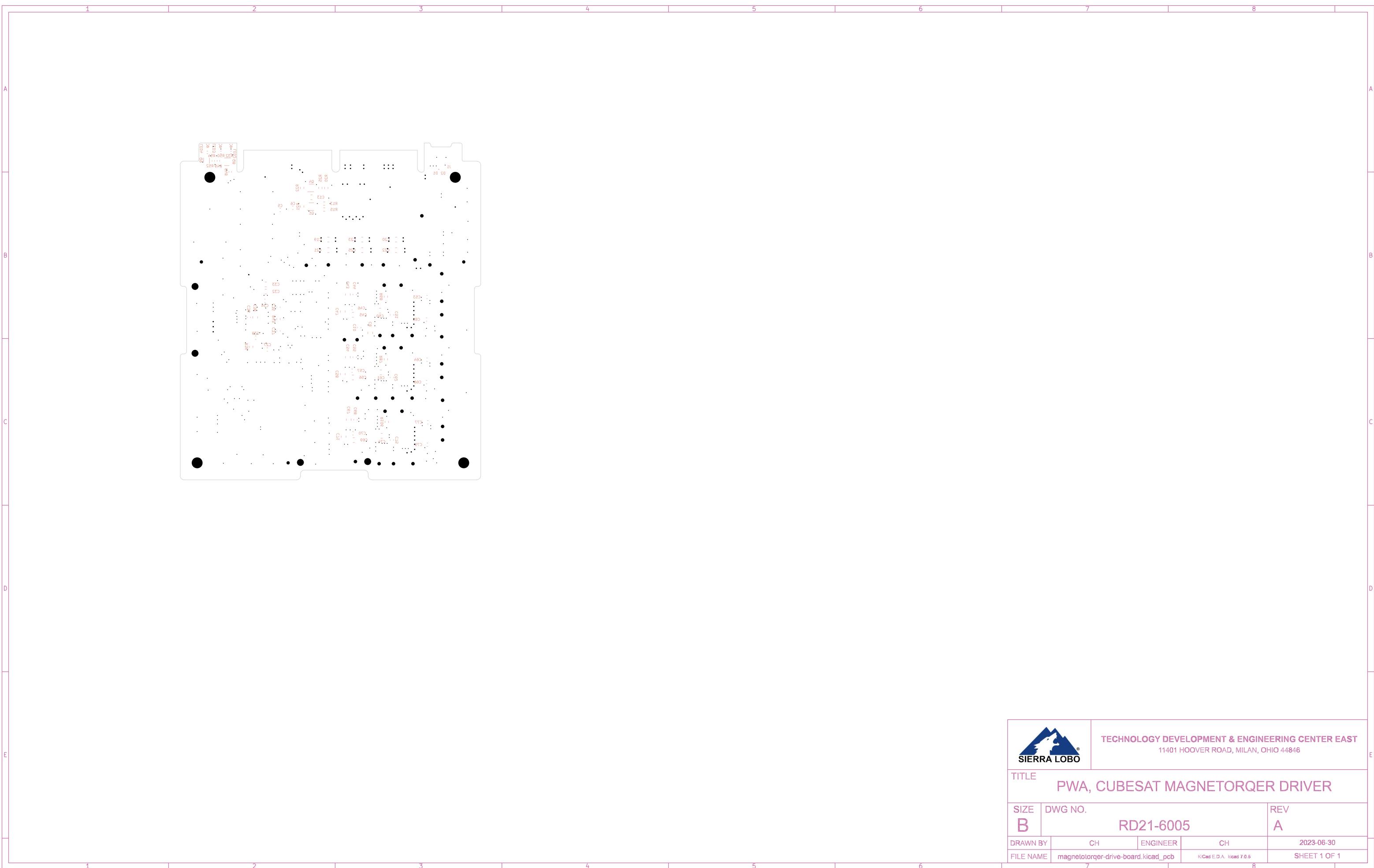
TECHNOLOGY DEVELOPMENT & ENGINEERING CENTER EAST  
11401 HOOVER ROAD, MILAN, OHIO 44846

TITLE  
PWA, CUBESAT MAGNETORQER DRIVER

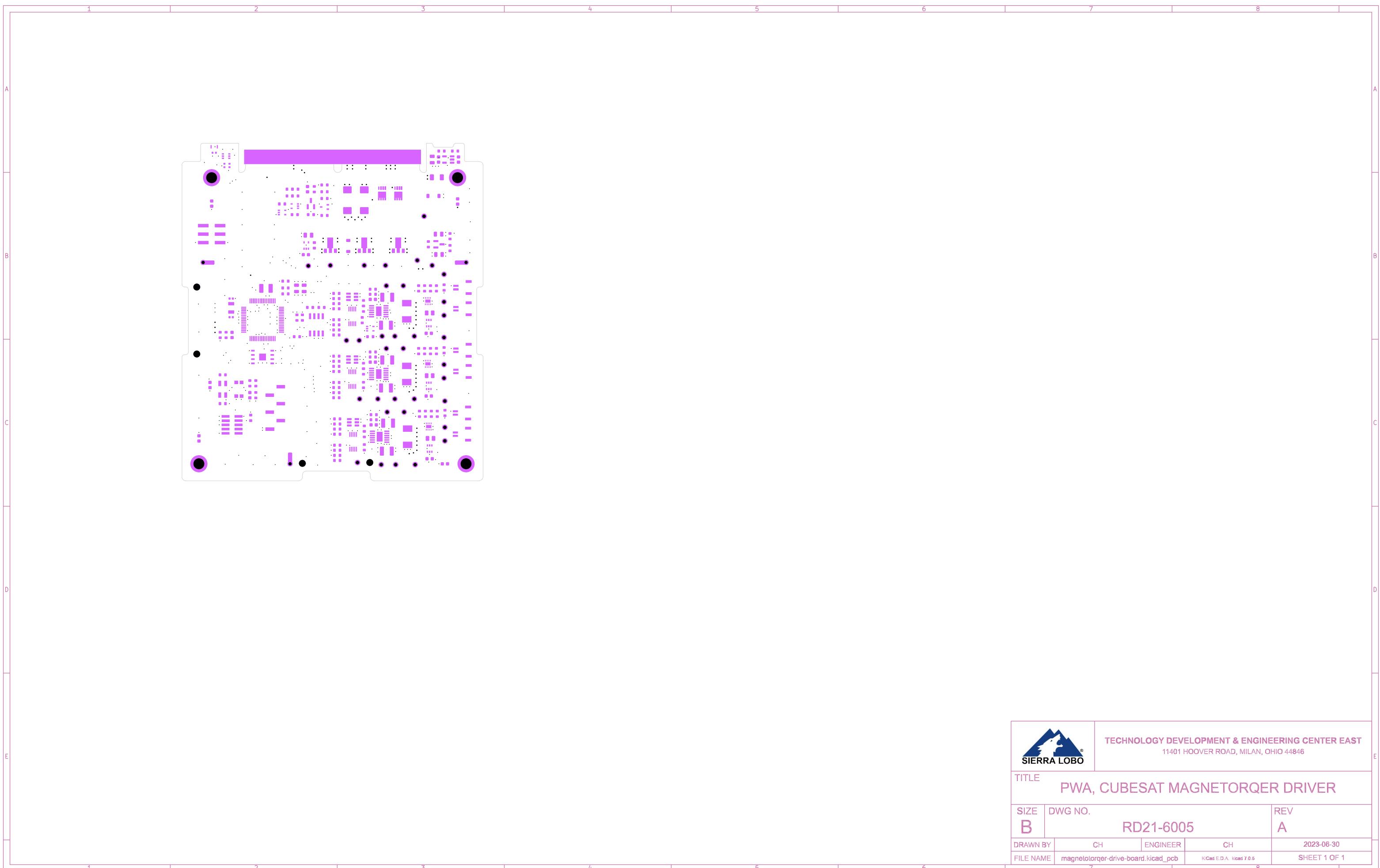
SIZE	DWG NO.	REV		
B	RD21-6005	A		
DRAWN BY	CH	ENGINEER	CH	2023-06-30
FILE NAME	magnetorqer-drive-board.kicad_pcb			KiCad E.D.A. kicad 7.0.5
				SHEET 1 OF 1

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8



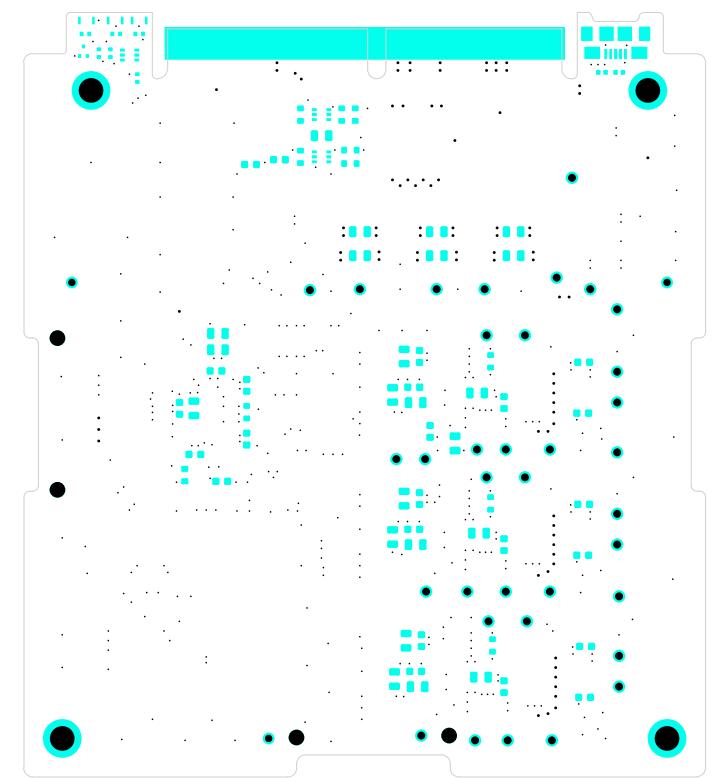
1 2 3 4 5 6 7 8



TECHNOLOGY DEVELOPMENT & ENGINEERING CENTER EAST  
11401 HOOVER ROAD, MILAN, OHIO 44846

TITLE				
SIZE	DWG NO.	REV		
B	RD21-6005	A		
DRAWN BY	CH	ENGINEER	CH	2023-06-30
FILE NAME	magntotorqr-drive-board.kicad_pcb	KiCad E.D.A. kicad 7.0.5		SHEET 1 OF 1

1 2 3 4 5 6 7 8



TECHNOLOGY DEVELOPMENT & ENGINEERING CENTER EAST  
11401 HOOVER ROAD, MILAN, OHIO 44846

TITLE PWA, CUBESAT MAGNETORQER DRIVER

SIZE	DWG NO.	REV		
B	RD21-6005	A		
DRAWN BY	CH	ENGINEER	CH	2023-06-30
FILE NAME	magnetorqer-drive-board.kicad_pcb			KiCad E.D.A. KiCad 7.0.5
1	2	3	4	SHEET 1 OF 1

1 2 3 4 5 6 7 8

