

PWB RELEASED AS 102-73189-1

FABRICATE TO IPC 6102D CLASS 2

PARTS SUBSTITUTIONS TO BE PROCESSED THROUGH VENDOR SUPPLIED WEB INTERFACE

EXCELLON DRILL FILE 102_73189_1.drill .XLN

GERBER FILE STANDARDS INFORMATION
 UNITS INCHES
 TOOL UNITS INCHES
 COORDIANATES ABSOLUTE
 NUMBER FOMRAT 2,4

SURFACE FINISH HASL

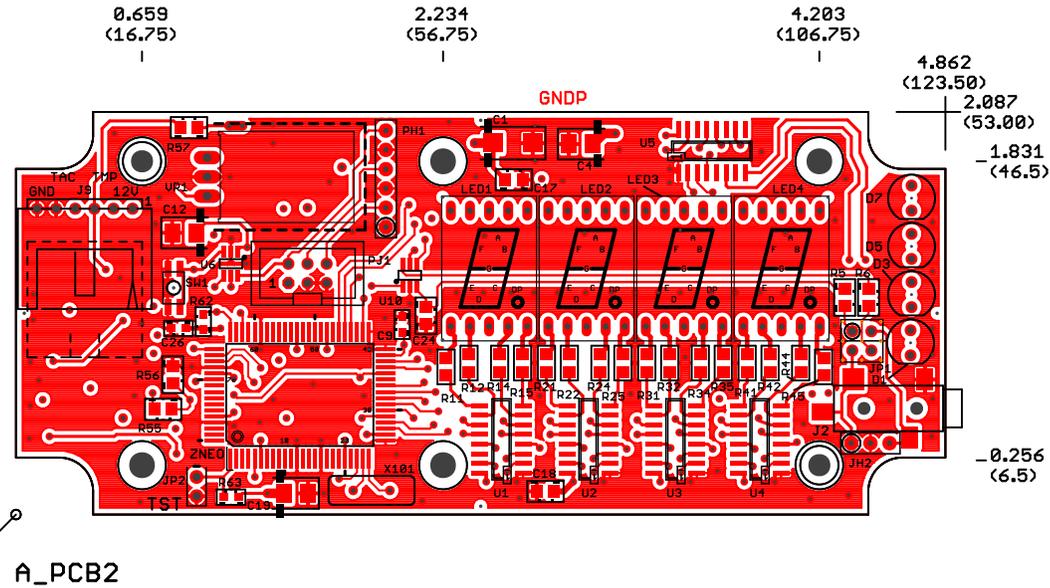
HOLE PLATING GUIDELINE
 HOLES WITH ANNULAR RING ARE TO BE PLATED
 HOLES WITHOUT AN ANNULAR RING ARE NOT TO BE PLATED

HOLE FILL GUIDELINE
 HOLES DRILLED 0.025" AND SMALLER ARE TO BE FILLED
 HOLES DRILLED 0.025" AND LARGER ARE NOT FILLED.

NOMINAL BOARD THICKNESS IS 0.062 INCH UNLESS SPECIFIED DIFFERENTLY

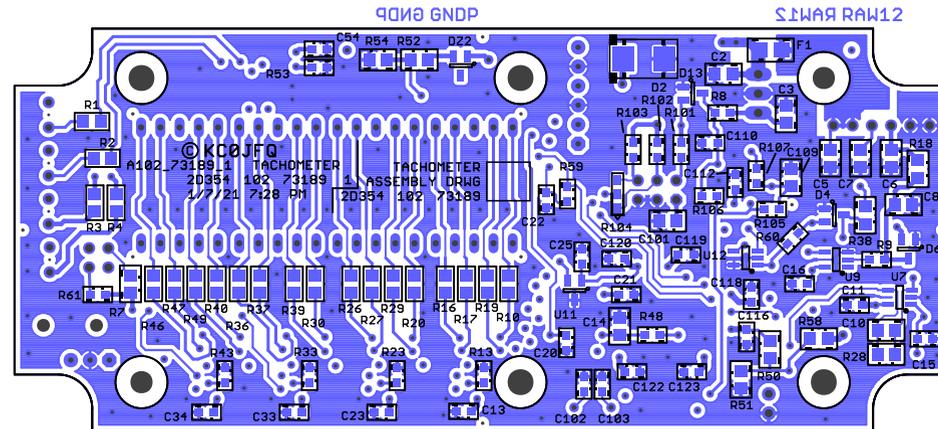
LAYERING ORDER		
ITEM	DESCRIPTION	GERBER FILE
1	TOP MARKING INK	102_73189_1.gto .GTO
2	SOLDER MASK	102_73189_1.gts .GTS
3	TOP COPPER 10Z	102_73189_1.gm01 .GTL
4	LAMINATE	
5	COPPER 0.50Z	102_73189_1.gm07 .G2L
6	LAMINATE	
7	COPPER 0.50Z	102_73189_1.gm08 .G3L
8	LAMINATE	
9	COPPER 10Z	102_73189_1.gm16 .GBL
10	SOLDER MASK	102_73189_1.gbs .GBS
11	MARKING INK	102_73189_1.gbo .GBO

SPECIFIED BOARD THICKNESS



NO CHANGES TO ARTWORK FROM REV 0

Drawn	KC0JFQ	Date	TITLE: TACHOMETER			
Designed	KC0JFQ	Date	The University of Iowa Department of Physics & Astronomy Iowa City, IA, USA			
Approval 1		Date	Plot: 1/7/21 7:28 PM	Save: not saved!	A102_73189_1	
			CAGE	Series	Project Name	LAYERS
			2D354	102		4
					Number	REV:
					73189	1



PICK&PLACE
ZERO POINT

102_73189_1.dwg 102 COPPER 102
102_73189_1.dpo 102 MARKING INK 102

NO CHANGES TO ARTWORK FROM REV 0

TITLE: TACHOMETER		The University of Iowa Department of Physics & Astronomy Iowa City, IA, USA			
PWB		A102_73189_1			
Date: not saved!					
CAGE	Series	Project Name	LAYERS	Number	REV:
2D354	102		4	73189	1

A_JS/B

A_CBL1

A_BEZEL

A_ENCL1

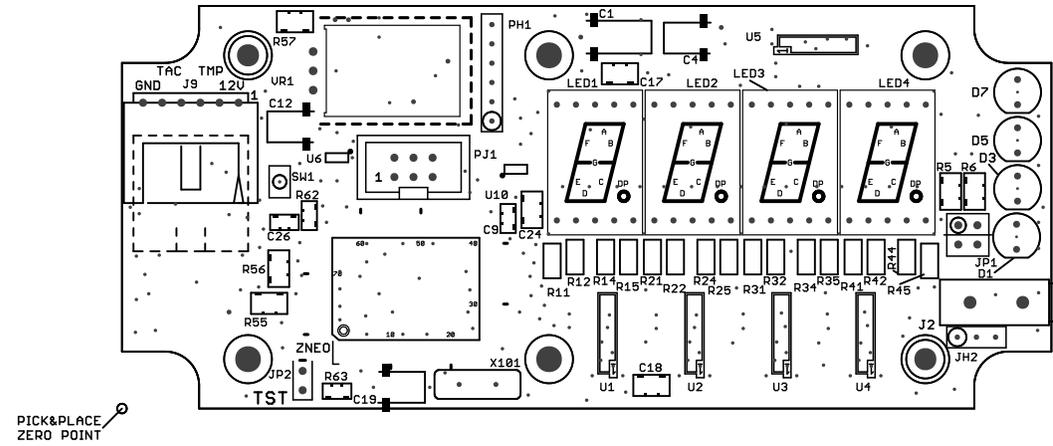
A_CBL_DBG

A_MTG1

A_JC9/1 A_JC9/2 A_JC9/3

A_JC9/4 A_JC9/5 A_JC9/6

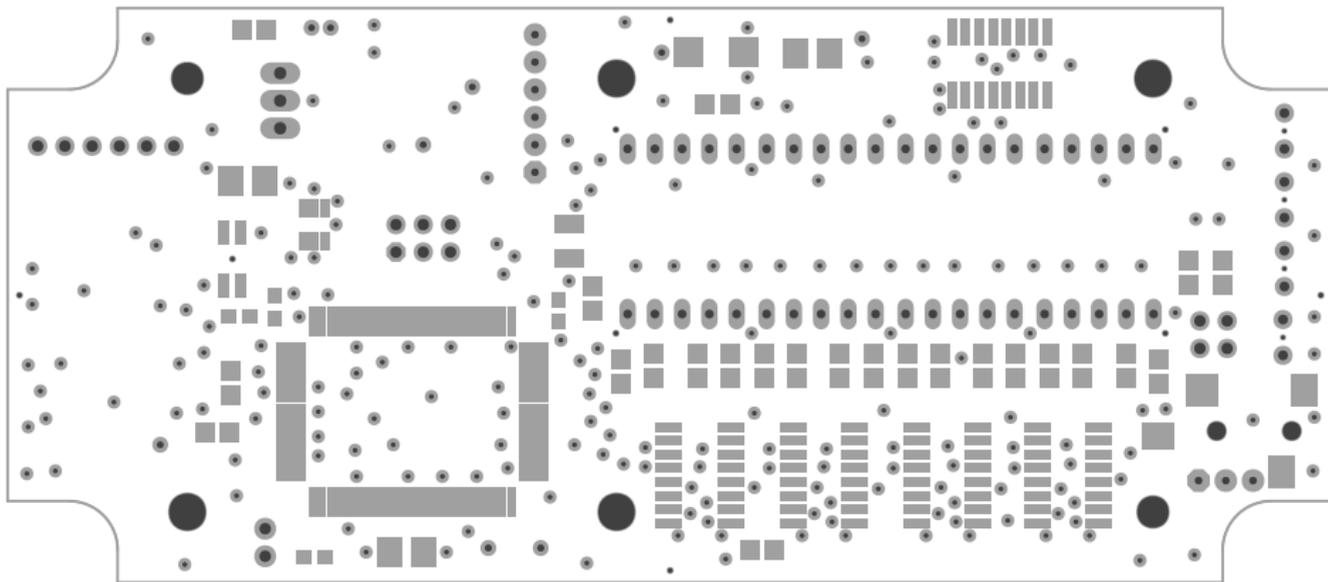
TOP MARKING INK 102_73189_1.gto .GTO



A_PCB2

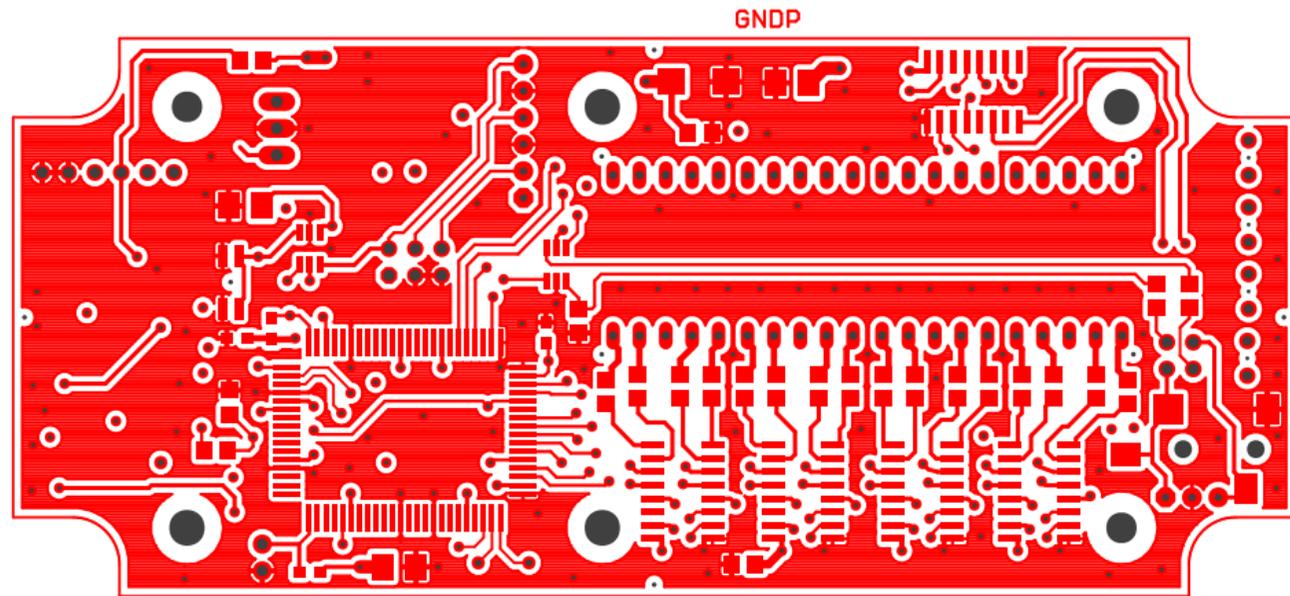
NO CHANGES TO ARTWORK FROM REV 0

TOP SOLDER MASK 102_73189_1.gts .GTS



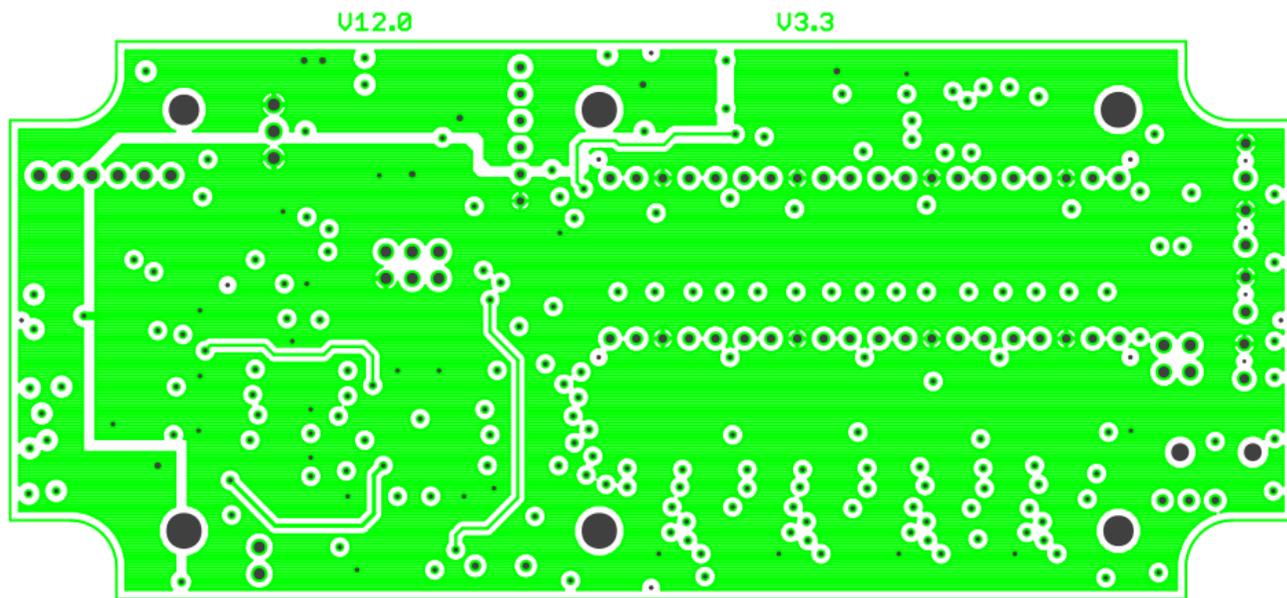
NO CHANGES TO ARTWORK FROM REV 0

TOP COPPER 10Z 102_73189_1.gm01 .GTL



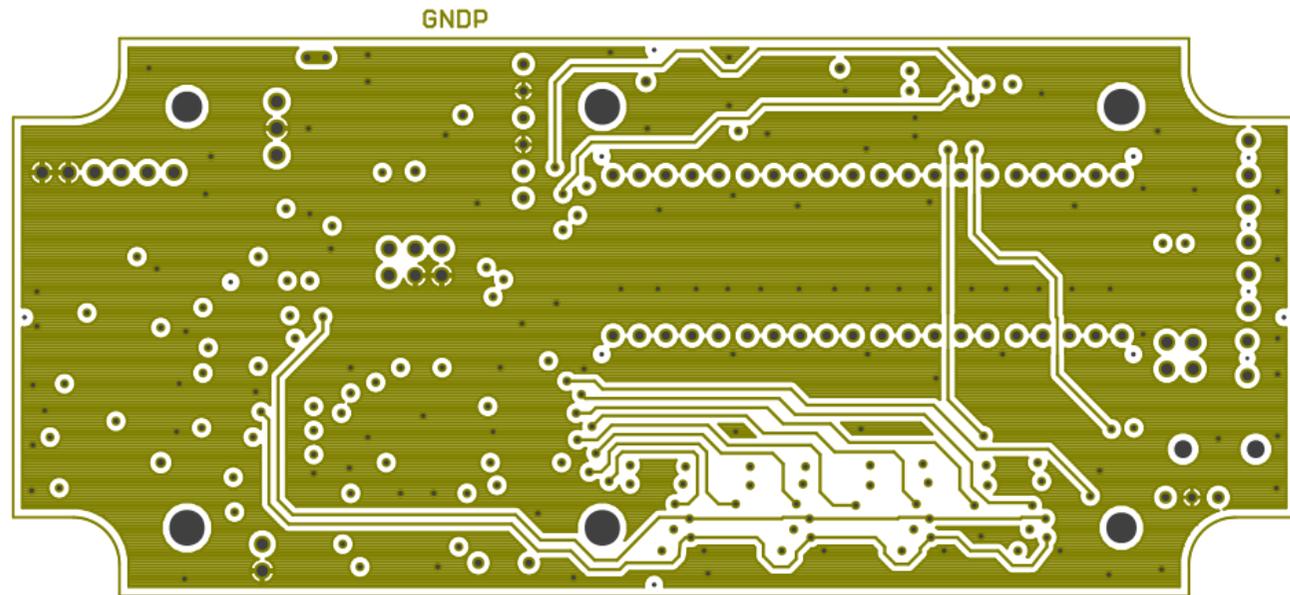
NO CHANGES TO ARTWORK FROM REV 0

IN1 COPPER 0.50Z 102_73189_1.gm07 .62L



NO CHANGES TO ARTWORK FROM REV 0

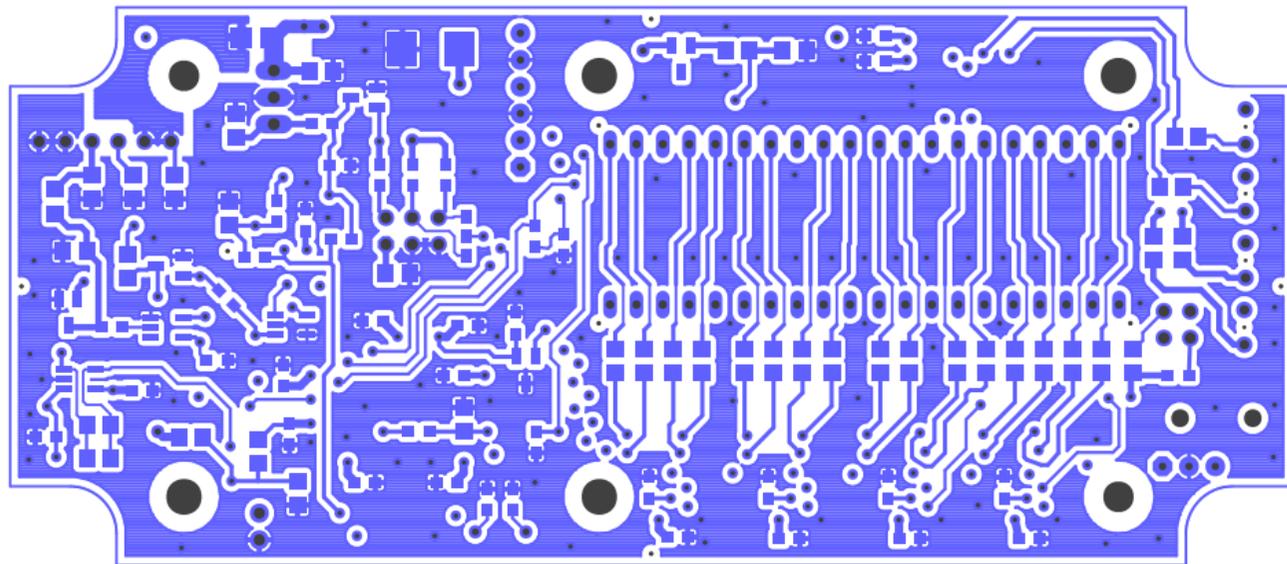
IN2 COPPER 0.50Z 102_73189_1.gm08 .63L



NO CHANGES TO ARTWORK FROM REV 0

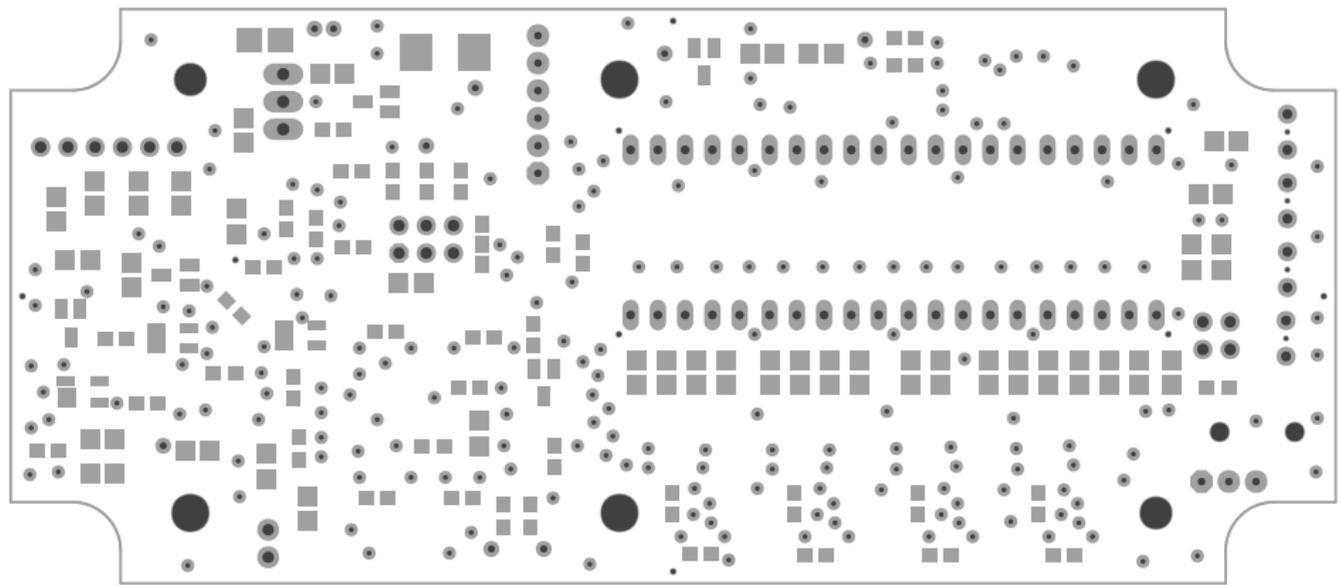
SIWARY RAW12

QD010 GNDP



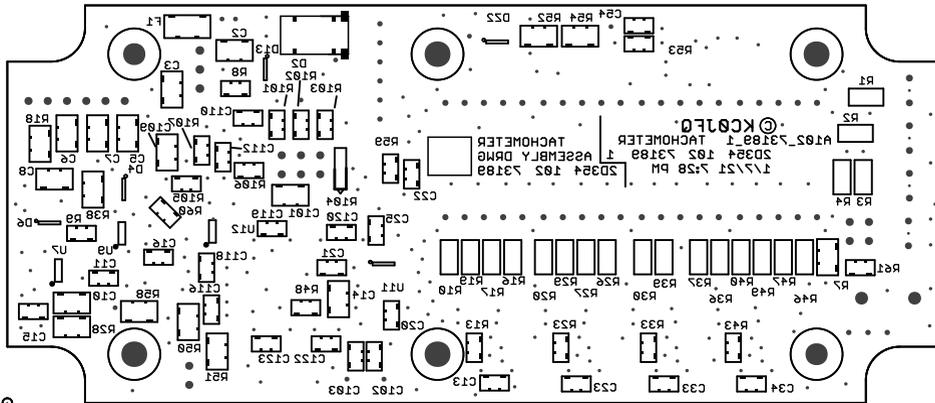
BOT COPPER 10Z 102_73189_1.gm16 .GBL

NO CHANGES TO ARTWORK FROM REV 0



BOT SOLDER MASK 102_73189_1.gbs .GBS

NO CHANGES TO ARTWORK FROM REV 0



SERO POINT
PICK&PLACE

BOT MARKING INK 102_73189_1.gbo .GBO

NO CHANGES TO ARTWORK FROM REV 0