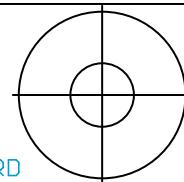


FR4 DOUBLE SIDED
COPPER LAMINATE

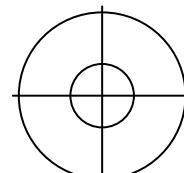
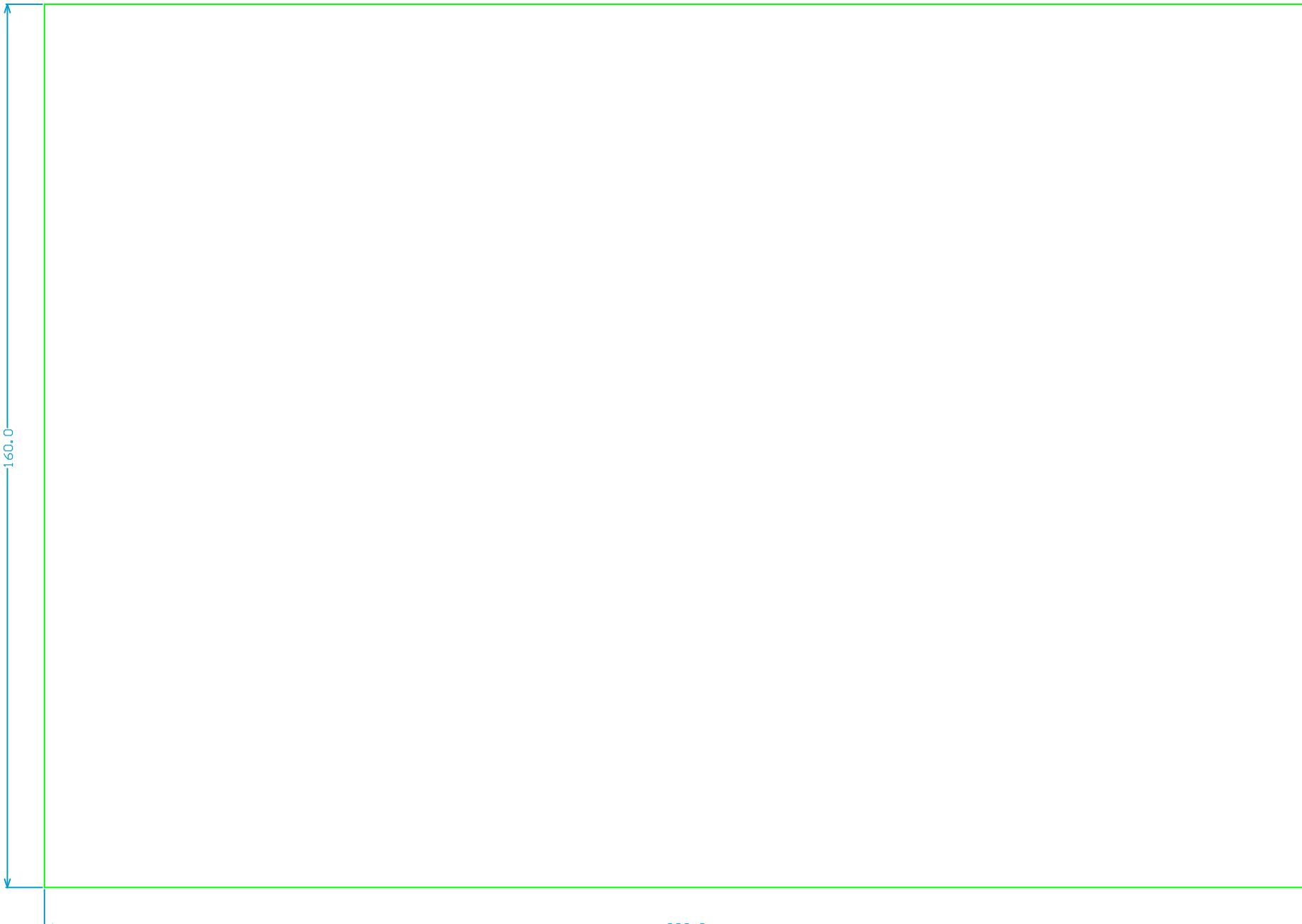
BOARD BUILD

	TOP SILK SCREEN	SHEET 2
	TOP SOLDER MASK	SHEET 3
	TOP LAYER	SHEET 4
	BOTTOM LAYER	SHEET 5
	BOTTOM SOLDER MASK	SHEET 6
	BOTTOM SILK SCREEN	SHEET 7
	DRILLING INFORMATION	SHEET 8
	TOP PASTE MASK	SHEET 9 (assembly only)
	INTERFACES	SHEET 10 (info only)

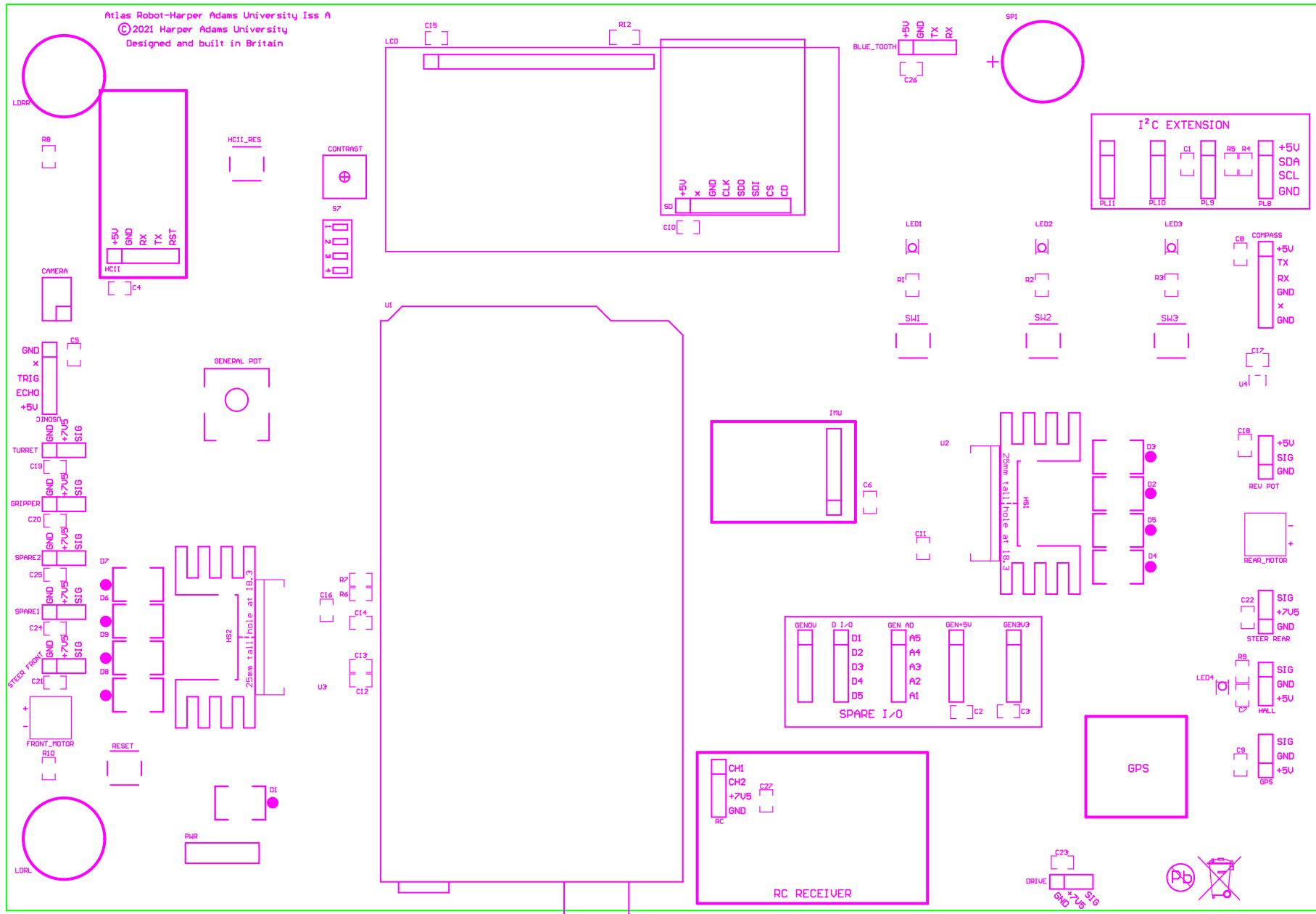


NOTES:

1. TYPE OF BOARD: 2-LAYER SELECTIVE COATED PRINTED WIRING BOARD
2. MANUFACTURE:
 - 2.1 FABRICATE AND RELEASE IN ACCORDANCE WITH IPC-600G CLASS 3.
 - 2.2 FINISHED BOARD THICKNESS TO BE $1.6 \pm 10\%$.
 - 2.3 DIELECTRIC SPACING BETWEEN CONDUCTIVE LAYERS 0.1 MIN.
 - 2.4 BARE BOARD TESTING REQUIRED
3. MATERIAL:
 - 3.1 LAMINATE AND PREPREG TO IPC-600G CLASS 3.
 - 3.2 COPPER FOIL CLADDING, 1oz FINISHED, FR4
4. BOARD FINISH:
 - 4.1 EXPOSED COPPER THROUGH SOLDER MASK TO BE COATED WITH EMERSION TIN (RoHS COMPLIANT)
 - 4.2 SOLDER RESIST TO BE PHOTOIMAGEABLE WET FILM BLACK
 - 4.3 SILK SCREEN USE PERMANENT NON-CONDUCTIVE EPOXY BASED INK, WHITE
 - 4.4 MINIMUM ANNULAR RING TO BE 0.08 EXTERNAL AND INTERNAL LAYERS
5. TOLERANCE:
 - 5.1 MAXIMUM BOW AND TWIST ALLOWANCE 0.75% OVER MAXIMUM DIMENSIONS
 - 5.2 FINISHED HOLE DIAMETERS ± 0.08 UP TO 3.0mm, ± 0.2 mm ABOVE 3.0mm
 - 5.3 ALL TOLERANCES TO BE ± 0.1 mm UNLESS STATED OTHERWISE
6. CERTIFICATION:
 - 6.1 CERTIFICATE OF CONFORMANCE TO BE SUPPLIED
7. ALL DIMENSIONS IN mm

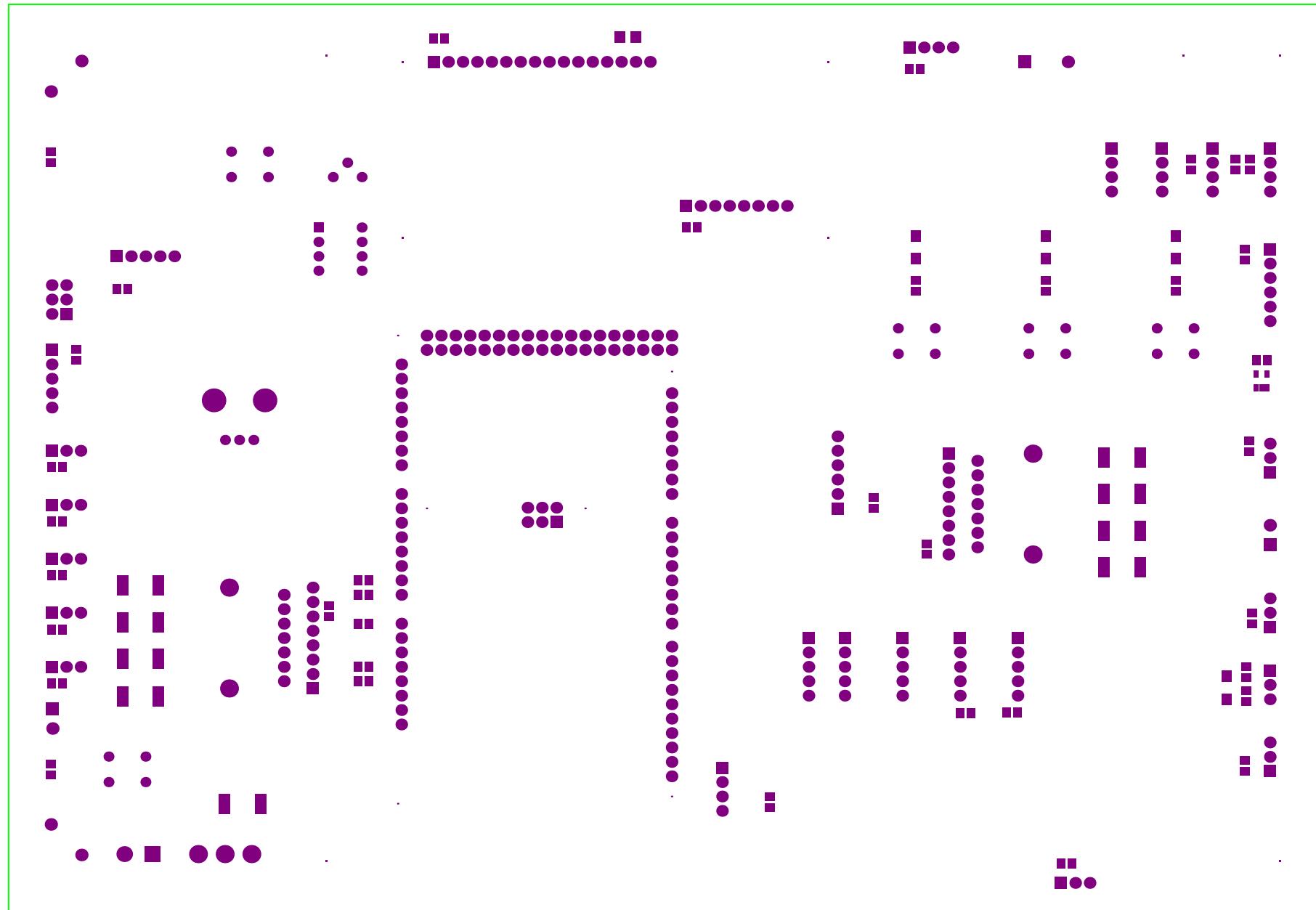


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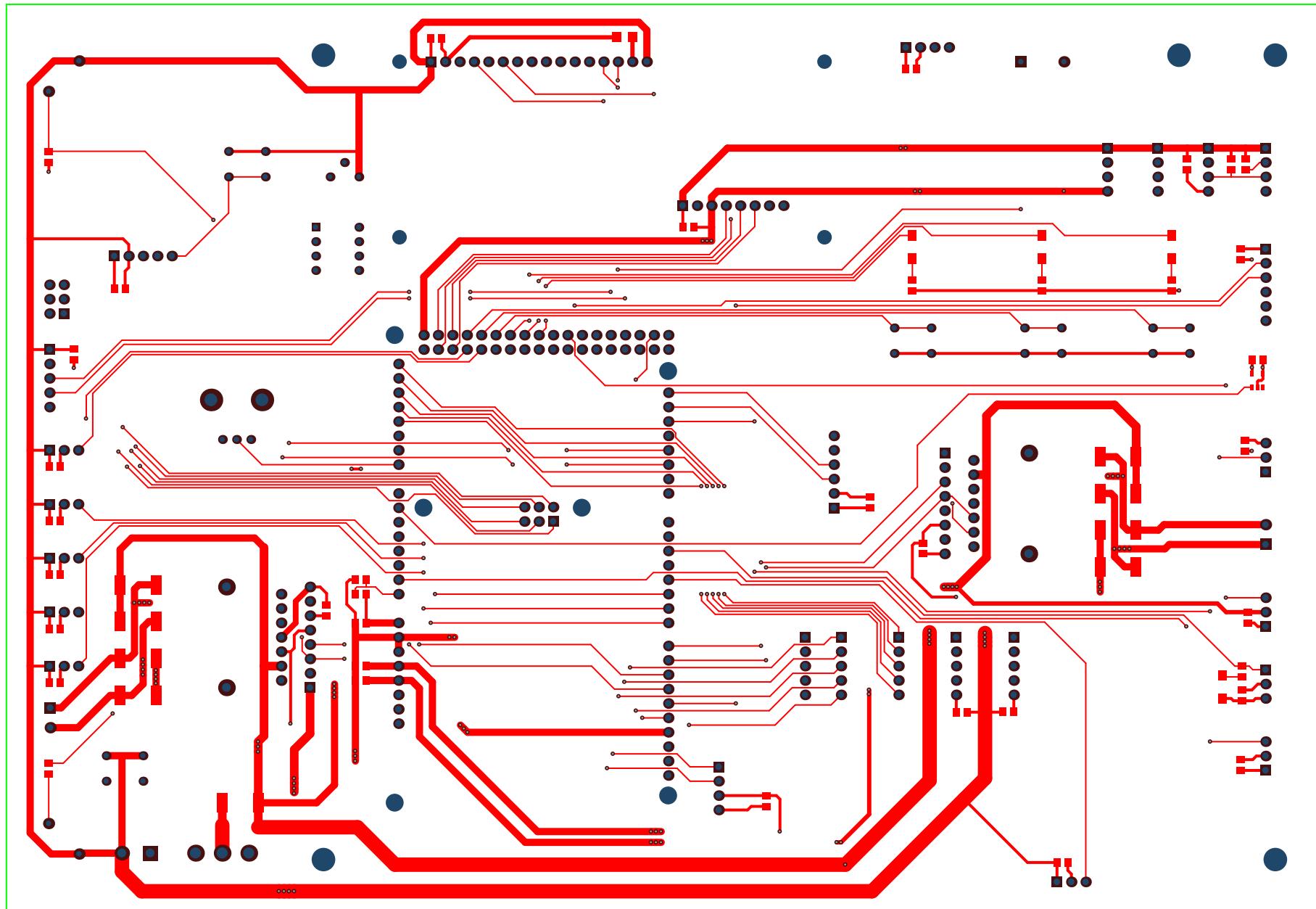
TOP OVERLAY

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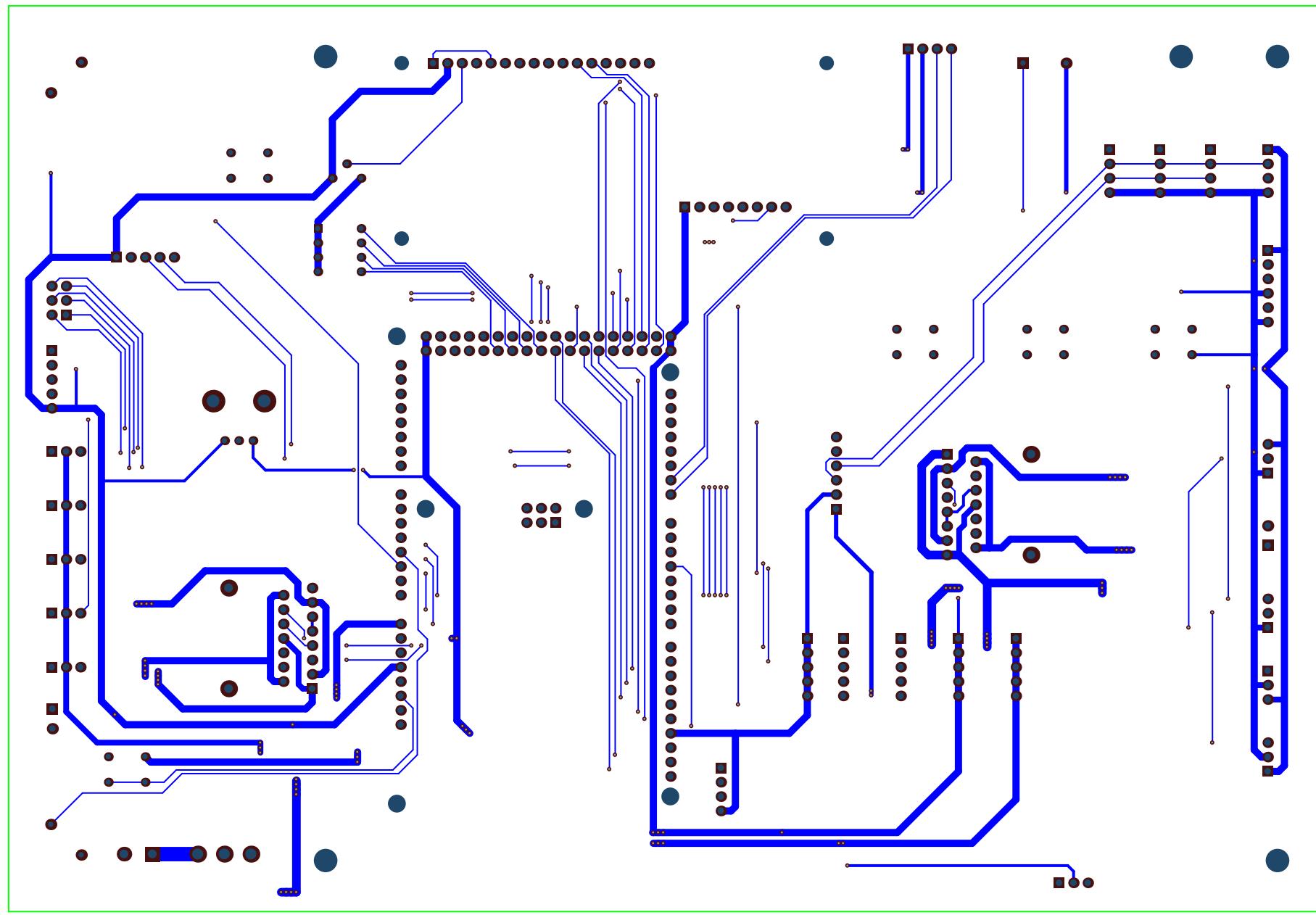
TOP SOLDER MASK

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SHEET 3 OF 10 NOT TO SCALE			



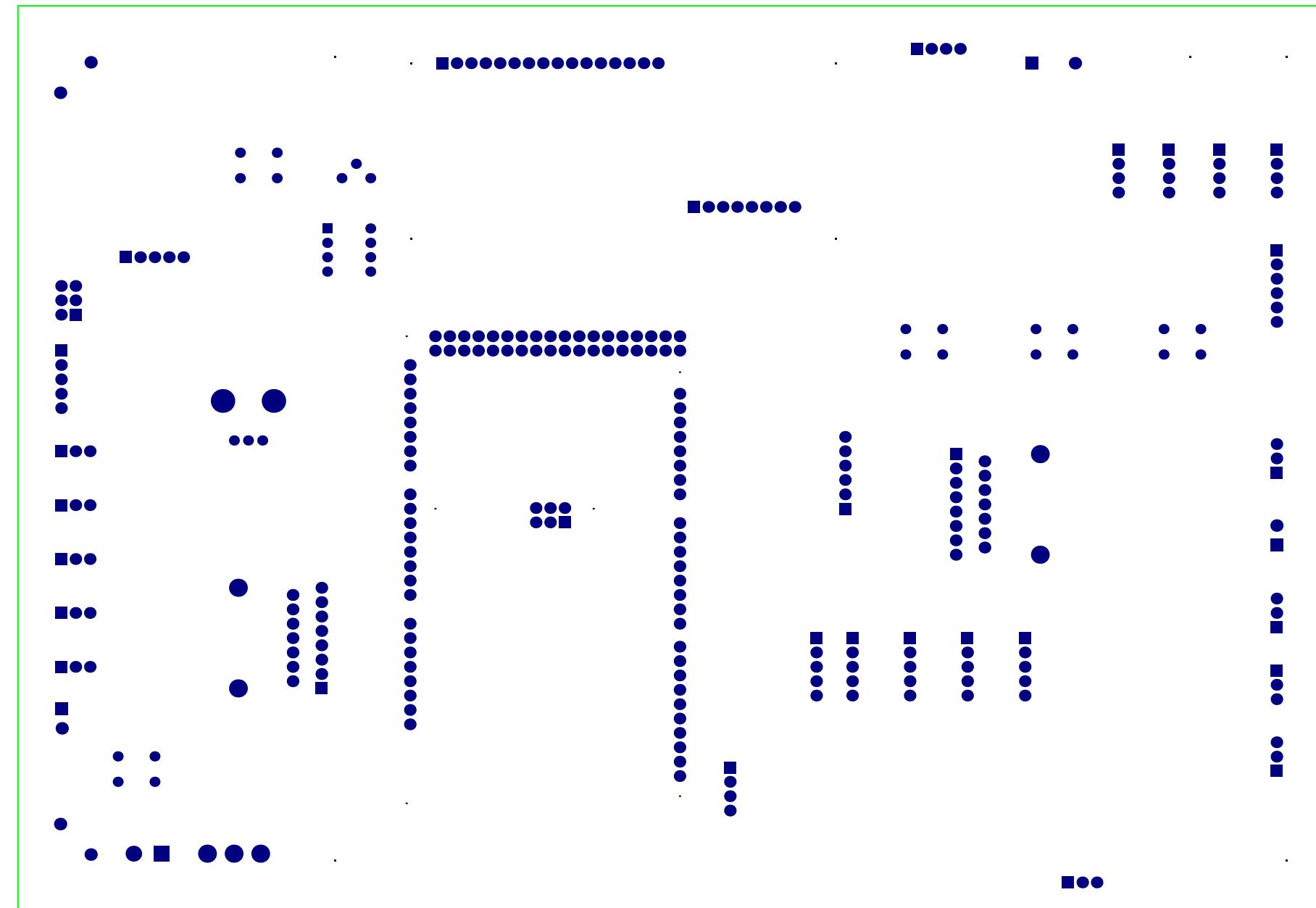
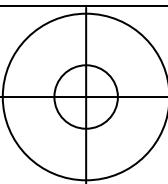
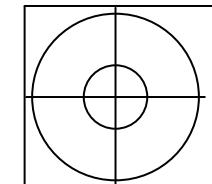
TOP LAYER

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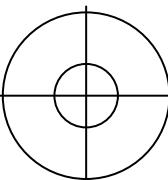


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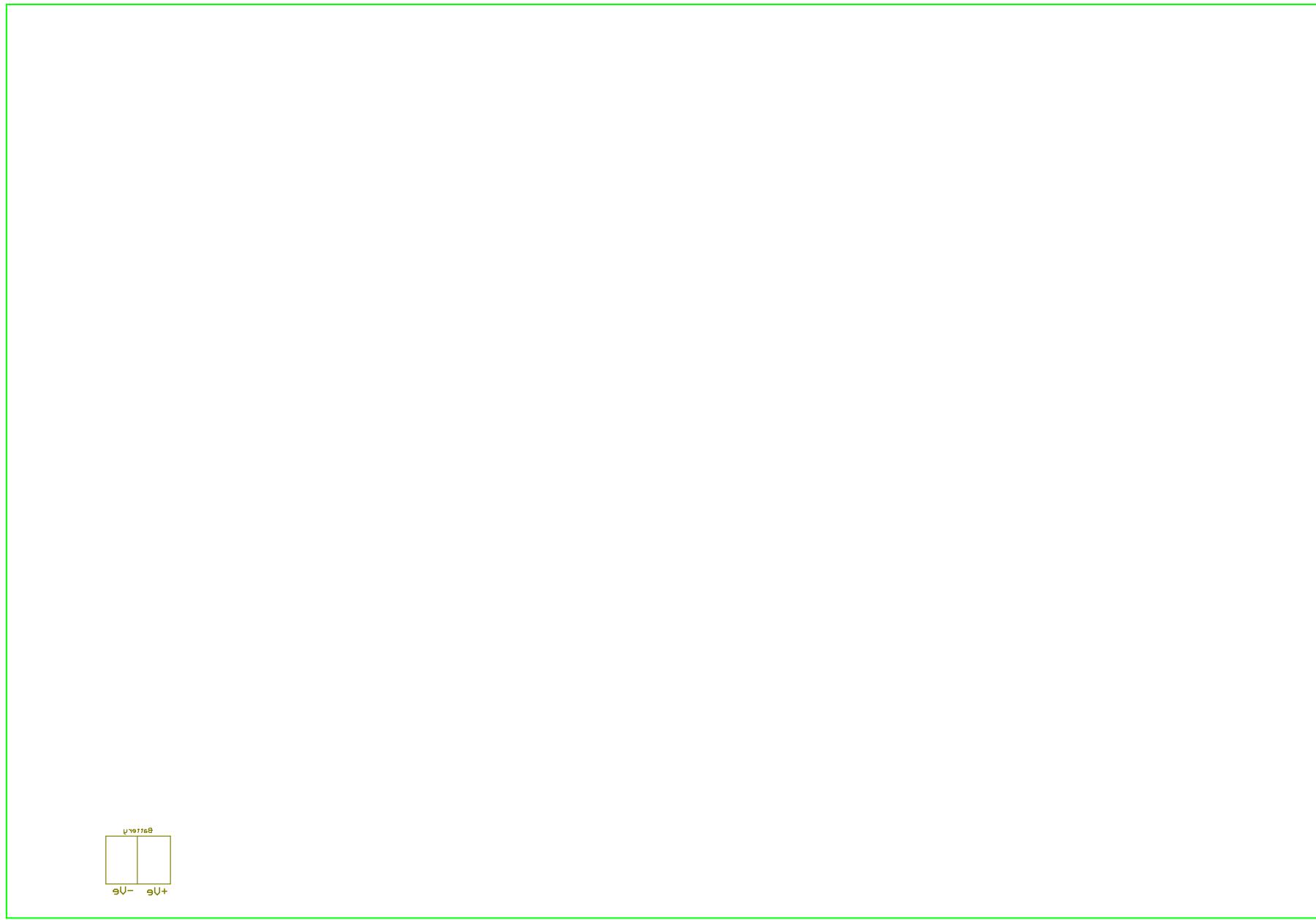
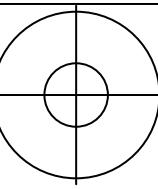
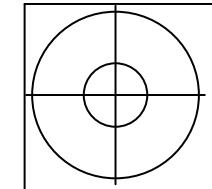
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BOTTOM SOLDER MASK

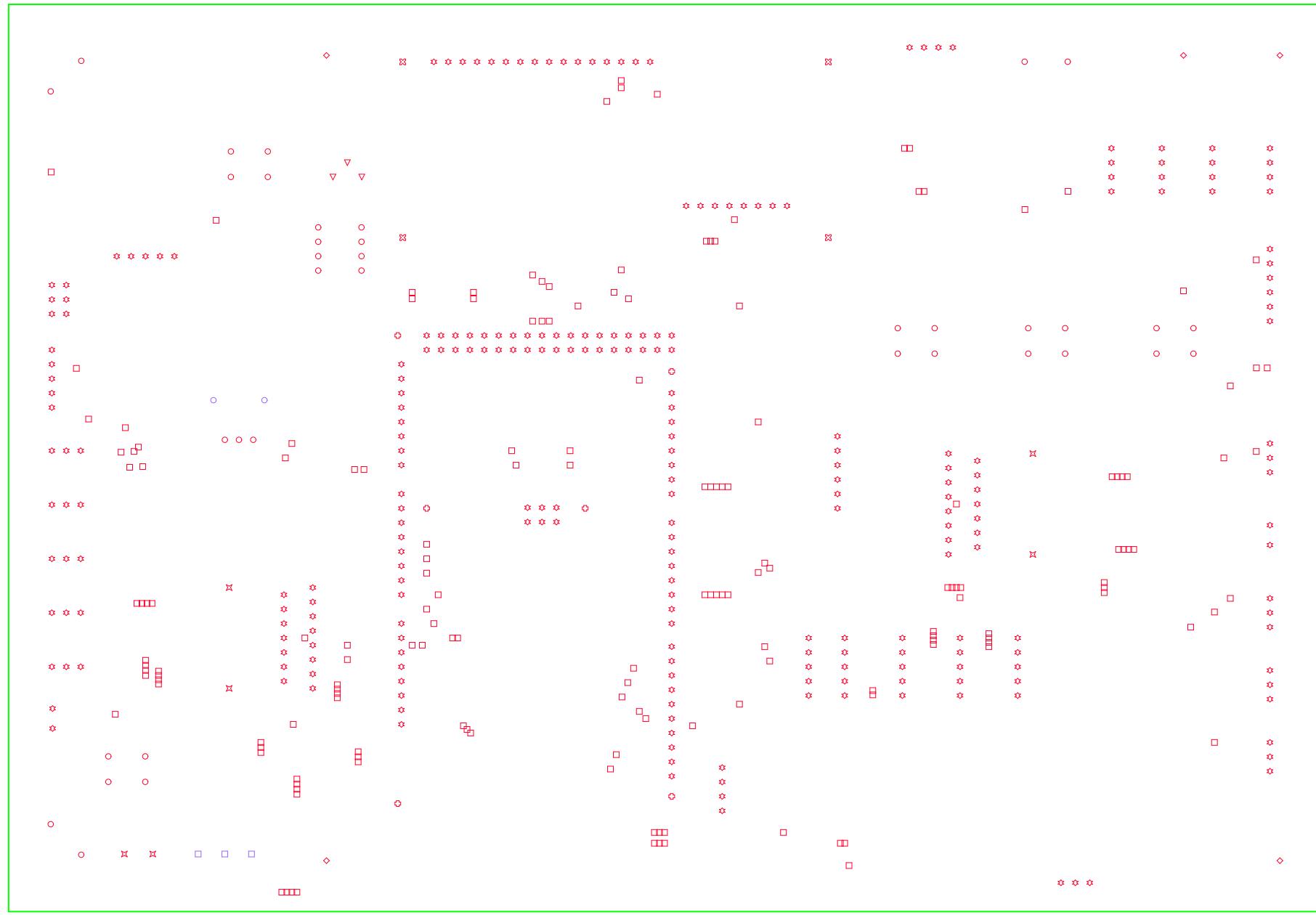


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BOTTOM OVERLAY

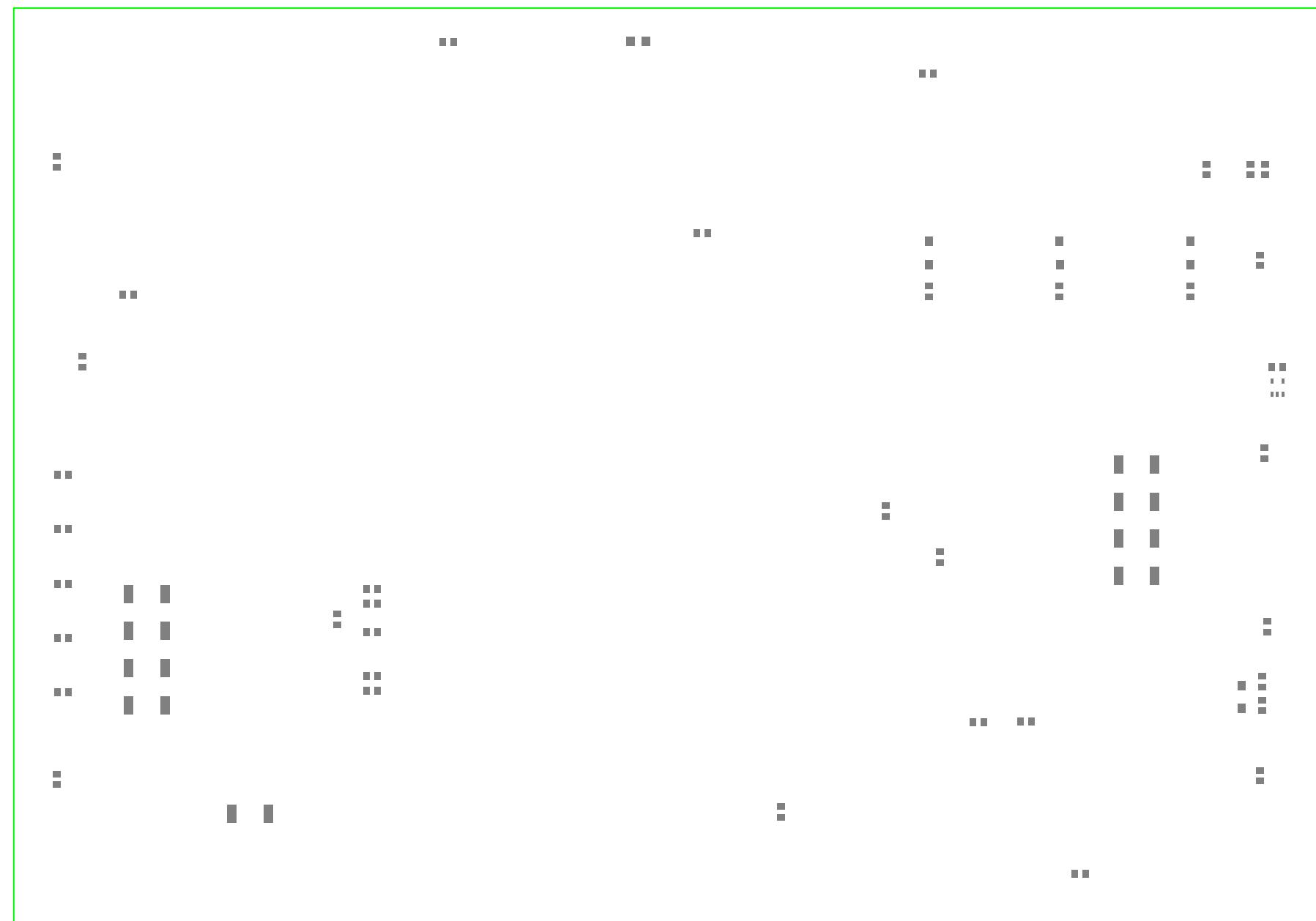
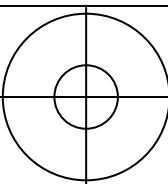
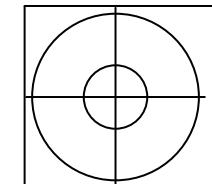
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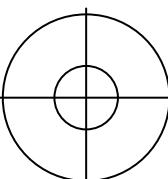
DRILL DRAWING

Symbol	Hit Count	Tool Size	Plated	Hole Type
□	169	15.748mil <0.4mm>	PTH	Round
▼	3	35.433mil (0.9mm)	PTH	Round
○	37	39.37mil (1mm)	PTH	Round
✖	257	47.244mil (1.2mm)	PTH	Round
◆	6	62.992mil (1.6mm)	PTH	Round
□	3	78.74mil (2mm)	PTH	Round
○	2	90.561mil (2.3mm)	PTH	Round
✖	4	102.362mil (2.6mm)	NPTH	Round
○	6	125.984mil (3.2mm)	NPTH	Round
◆	5	165.354mil (4.2mm)	NPTH	Round
Total				
492 Total				

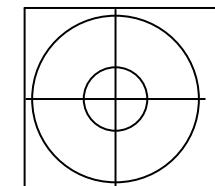
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SHEET 8 OF 10					



TOP PASTE MASK



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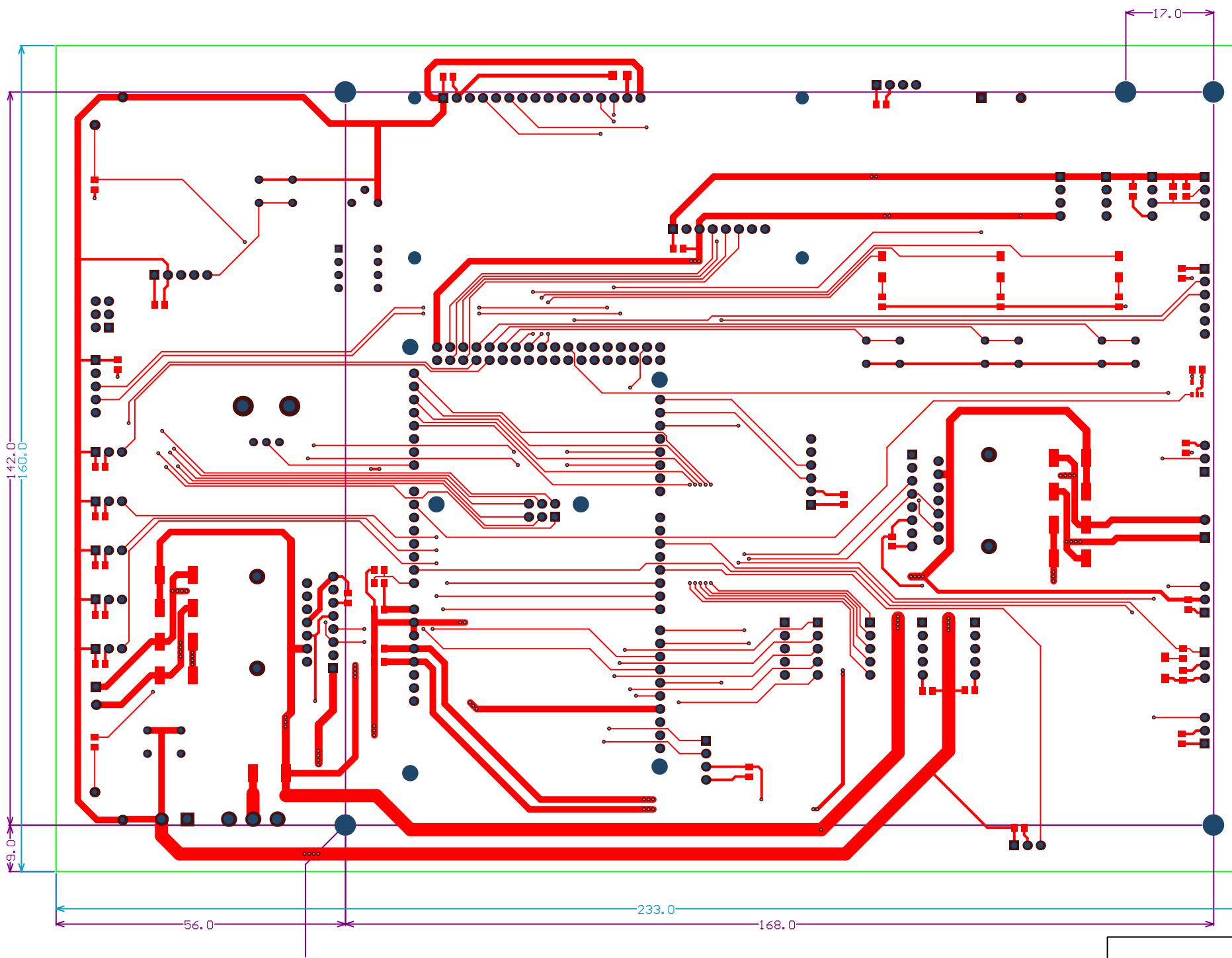
BOARD BUILD

FR4 DOUBLE SIDED
COPPER LAMINATE

TOP SILK SCREEN	SHEET 2
TOP SOLDER MASK	SHEET 3
TOP LAYER	SHEET 4
BOTTOM LAYER	SHEET 5
BOTTOM SOLDER MASK	SHEET 6
BOTTOM SILK SCREEN	SHEET 7
DRILLING INFORMATION	SHEET 8
TOP PASTE MASK	SHEET 9 (assembly only)
INTERFACES	SHEET 10 (info only)

NOTES:

1. TYPE OF BOARD: 2-LAYER SELECTIVE COATED PRINTED WIRING BOARD
2. MANUFACTURE:
 - 2.1 FABRICATE AND RELEASE IN ACCORDANCE WITH IPC-600G CLASS 3.
 - 2.2 FINISHED BOARD THICKNESS TO BE 1.6 +/- 10%.
 - 2.3 DIELECTRIC SPACING BETWEEN CONDUCTIVE LAYERS 0.1 MIN.
 - 2.4 BARE BOARD TESTING REQUIRED
3. MATERIAL:
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 - 3.2 COPPER FOIL CLADDING, 1oz FINISHED, FR4
4. BOARD FINISH:
 - 4.1 EXPOSED COPPER THROUGH SOLDER MASK TO BE COATED WITH EMERSION TIN (RoHS COMPLIANT)
 - 4.2 SOLDER RESIST TO BE PHOTOIMAGEABLE WET FILM BLACK
 - 4.3 SILK SCREEN USE PERMANENT NON-CONDUCTIVE EPOXY BASED INK, WHITE
 - 4.4 MINIMUM ANNULAR RING TO BE 0.08 EXTERNAL AND INTERNAL LAYERS
5. TOLERANCE:
 - 5.1 MAXIMUM BOW AND TWIST ALLOWANCE 0.75% OVER MAXIMUM DIMENSIONS
 - 5.2 FINISHED HOLE DIAMETERS +/- 0.08 UP TO 3.0mm, +/- 0.2mm ABOVE 3.0mm
 - 5.3 ALL TOLERANCES TO BE +/- 0.1mm UNLESS STATED OTHERWISE
6. CERTIFICATION:
 - 6.1 CERTIFICATE OF CONFORMANCE TO BE SUPPLIED
7. ALL DIMENSIONS IN mm



INTERFACES TOP LAYER

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BOARD BUILD	
FR4 DOUBLE SIDED COPPER LAMINATE	
TOP SILK SCREEN	SHEET 2
TOP SOLDER MASK	SHEET 3
TOP LAYER	SHEET 4
BOTTOM LAYER	SHEET 5
BOTTOM SOLDER MASK	SHEET 6
BOTTOM SILK SCREEN	SHEET 7
DRILLING INFORMATION	SHEET 8
TOP PASTE MASK	SHEET 9 (assembly only)
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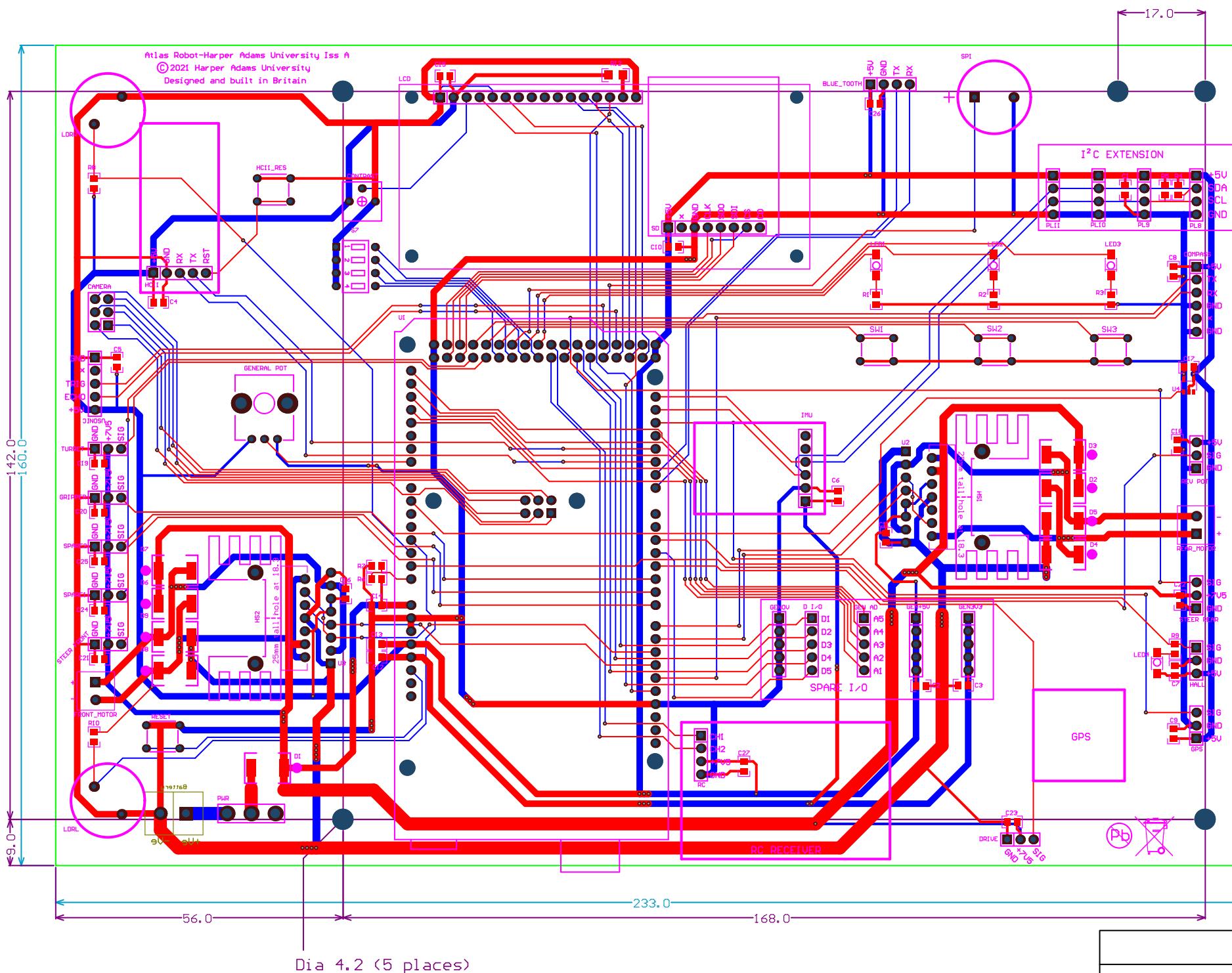
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- 5.3 ALL TOLERANCES TO BE +/- 0.1mm UNLESS STATED OTHERWISE

6. CERTIFICATION:

- 6.1 CERTIFICATE OF CONFORMANCE TO BE SUPPLIED

7. ALL DIMENSIONS IN mm



INTERFACES TOP TO BOTTOM

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