

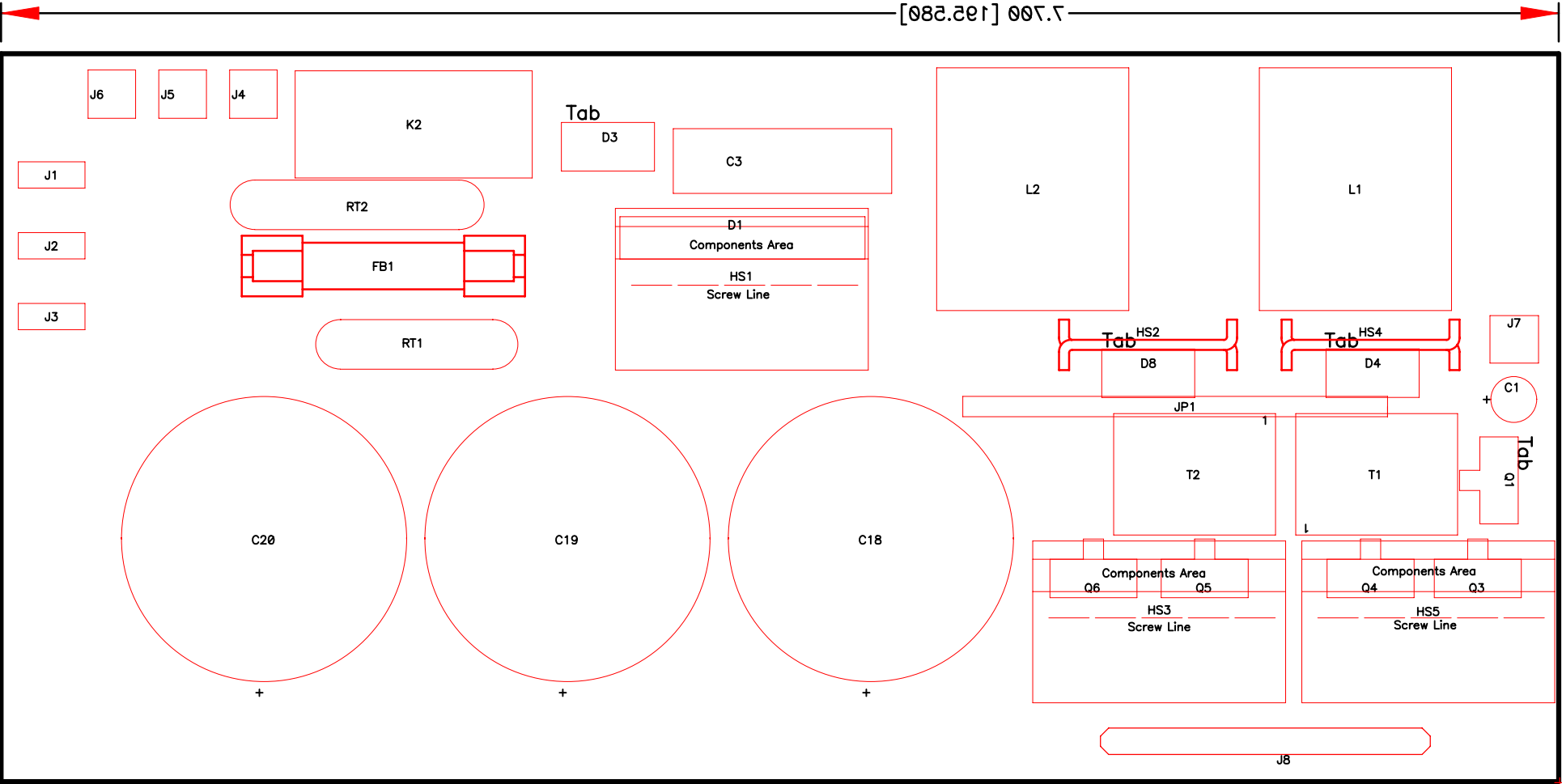
| FABRICATION CHART | | | |
|---|---|--|---|
| FINISHED THICKNESS | SILKSCREEN | SOLDERMASK | FINISHED COPPER WEIGHT |
| <input type="checkbox"/> 0.031 <input checked="" type="checkbox"/> 0.062 <input type="checkbox"/> 0.093 <input type="checkbox"/> 0.125 | <input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 2 <input type="checkbox"/> NONE | <input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 2 <input type="checkbox"/> NONE | <input type="checkbox"/> 1 OZ. <input checked="" type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____ |
| DESIGN | TRACE/GAP SPACING | LAYER COUNT | |
| <input checked="" type="checkbox"/> SMD <input checked="" type="checkbox"/> THRU-HOLE | <input type="checkbox"/> 0.010/0.010 <input checked="" type="checkbox"/> 0.008/0.007 <input type="checkbox"/> 0.006/0.006 | <input type="checkbox"/> SINGLE SIDED <input checked="" type="checkbox"/> 2 LAYER <input type="checkbox"/> 4 LAYER <input type="checkbox"/> OTHER _____ | |

| Drill Table | | | |
|-----------------|--------|----------|--------|
| Hole Dia (inch) | Symbol | Quantity | Plated |
| 0.020 | + | 33 | Yes |
| 0.025 | X | 2 | Yes |
| 0.030 | Y | 3 | Yes |
| 0.038 | + | 18 | Yes |
| 0.041 | X | 15 | Yes |
| 0.043 | X | 13 | Yes |
| 0.046 | + | 6 | Yes |
| 0.052 | ◇ | 12 | Yes |
| 0.055 | + | 8 | Yes |
| 0.057 | ◇ | 4 | Yes |
| 0.060 | + | 20 | Yes |
| 0.070 | ◇ | 4 | Yes |
| 0.075 | + | 4 | Yes |
| 0.079 | ◇ | 3 | Yes |
| 0.081 | + | 3 | Yes |
| 0.095 | ◇ | 4 | Yes |
| 0.126 | + | 4 | No |
| 0.140 | ◇ | 2 | Yes |
| 0.150 | ◇ | 8 | No |
| 0.194 | ◇ | 2 | Yes |

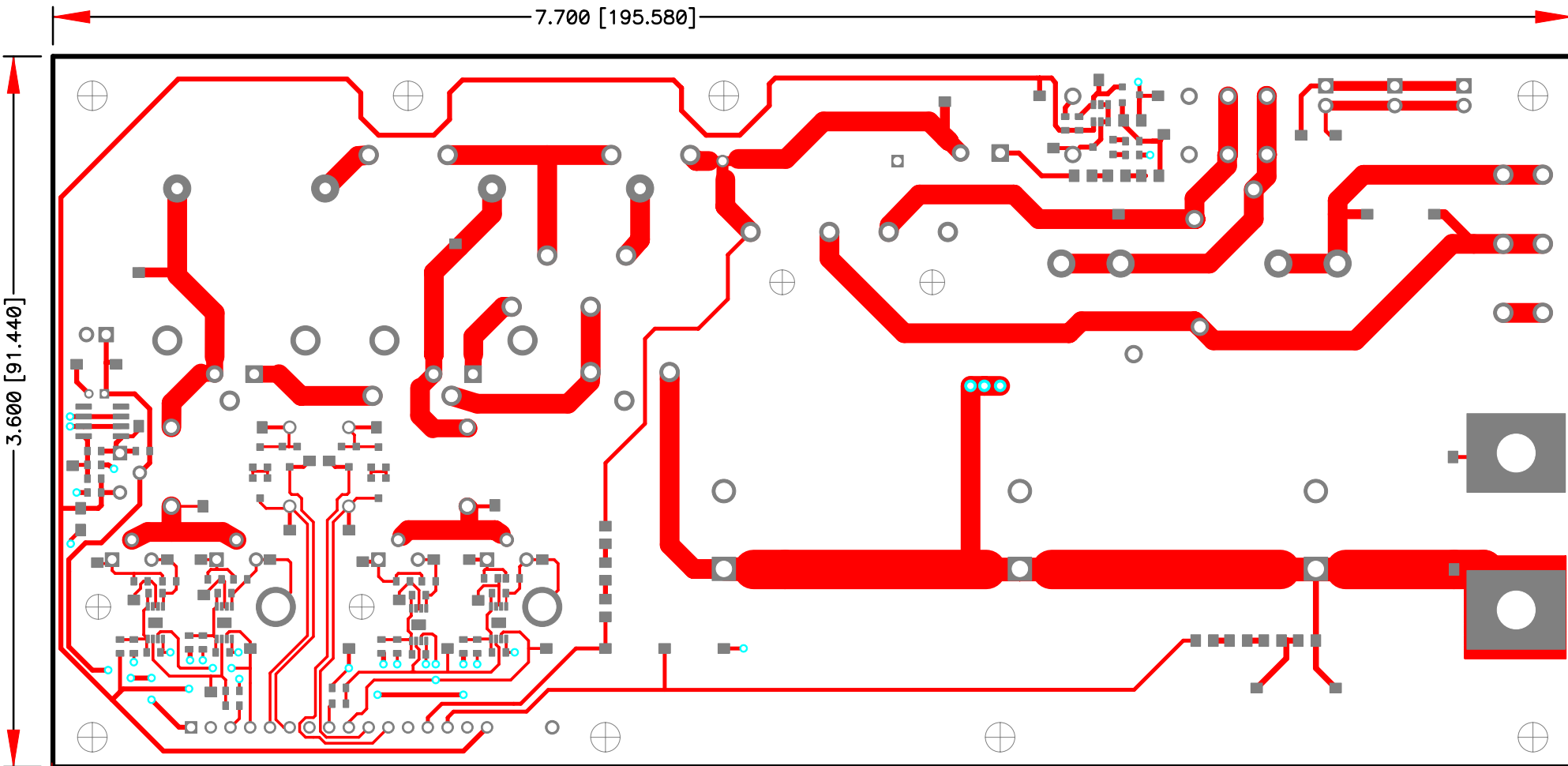
NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:** ALL MATERIALS, INCLUDING BUT NOT LIMITED TO BASE LAMINATE, BONDING MATERIALS AND SOLDERMASK COATINGS FORMING THE FINISHED PRINTED CIRCUIT BOARD SHALL MEET UL-796 REQUIREMENTS AND BE RoHS COMPLIANT AND HAVE A FLAMMABILITY OF UL94V-0.
- BASE LAMINATE:** PLASTIC SHEET, LAMINATED METAL CLAD, TWO SIDES, BASE MATERIAL NEMA TYPE FR-4 GLASS EPOXY RESIN, COPPER-CLAD IN ACCORDANCE WITH 2 LAYER STACK-UP, COMPLIANT WITH LEAD FREE PROCESS.
- SOLDERMASK:** SOLDERMASK OVER BARE COPPER (SMOBC) USING LIQUID PHOTO-IMAGEABLE SOLDERMASK IN ACCORDANCE WITH IPC-SM-840.
- PLATING:** HOLES REQUIRING PLATING, SEE HOLE CHART, TO HAVE 1 OZ. (0.0014) MIN. THK MIN. THICK COPPER.
- FINISH:** PLATE WITH RoHS COMPLIANT, IMMERSION SILVER PREFERRED, IMMERSION TIN OR Sn/Ag/Cu, WITH RMA FLUX, 0.0005* +/- 0.0003* THICK MIN ALL EXPOSED AREAS AS COATED, NO ACTIVE FLUXES ARE ACCEPTABLE.
- LEGEND:** IF REQUIRED, SILKSCREEN LEGEND(S) WITH WHITE NON-CONDUCTIVE EPOXY INK.
- MARKINGS:** BOARD MUST BEAR VENDOR'S IDENTIFICATION CODE (ETCH OR WHITE NON-CONDUCTIVE INK). LOCATION OPTIONAL.
- WORKMANSHIP:** BOARD IS TO BE MANUFACTURED PER IPC-A-600 CLASS 2 REQUIREMENTS OR BETTER.
- DOCUMENTATION:** PCB VENDOR IS REQUIRED TO RETURN ANY AND ALL DOCUMENTS SUPPLIED OR ULTIMATELY PURCHASED BY TEXAS INSTRUMENTS UPON COMPLETION OF PURCHASE ORDER.
- DRILL SIZES:** HOLE DIAMETERS SHOWN ARE FINISHED SIZES AFTER PLATING UNLESS OTHERWISE NOTED.
- PANEL BORDER:** ANY METAL IN BORDER AREA INCLUDING PART NUMBER, DATECODE AND/OR REVISION LETTERS MUST BE COVERED WITH SOLDERMASK.
- PROCESS CHANGES:** NO DIMENSIONAL, MATERIAL, OR PROCESS CHANGES ARE ALLOWED WITHOUT PRIOR EXPLICIT WRITTEN PERMISSION FROM TEXAS INSTRUMENTS.

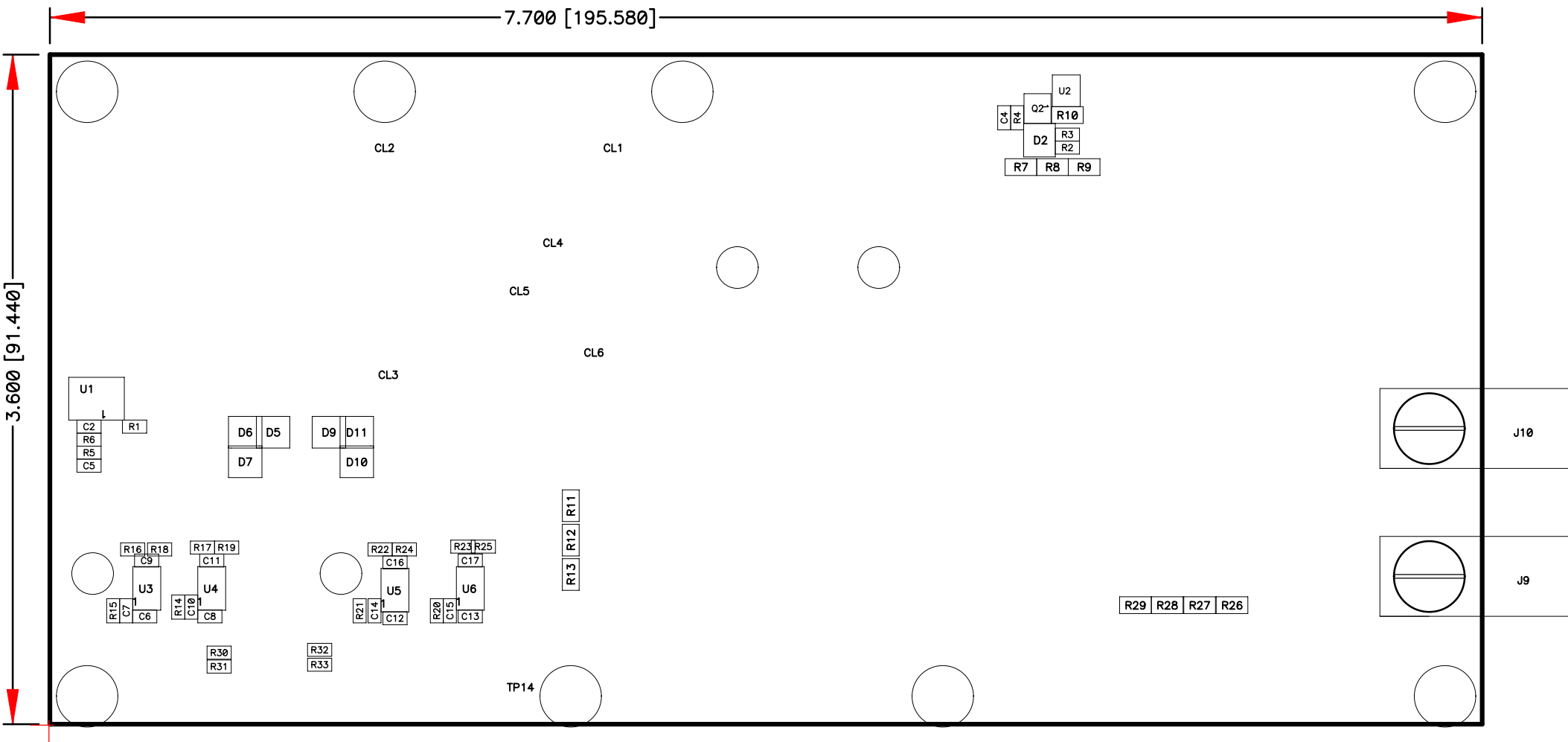
| TEXAS INSTRUMENTS | | Copper Layer Name | | Silkscreen | | S Mask | | P Mask | | Assembly | | Fab Drawing |
|-------------------|----------------------|--------------------------|------------------------|---------------------------------|----------------------|--------|-----|--------|-----|----------|-----|-------------|
| Board No. | Rev. | Top | Bot | Top | Bot | Top | Bot | Top | Bot | Top | Bot | |
| PR779 | A | L1 | L2 | S1 | S2 | | | | | TA | BA | FB |
| Date: 7-30-08 | Filename: PR779A.pcb | Engineer: Ljillie Goerke | PCB Design: M. Rodgers | Modified Date: Thu Sep 18, 2008 | Time Stamp: 10:42:14 | | | | | | | |



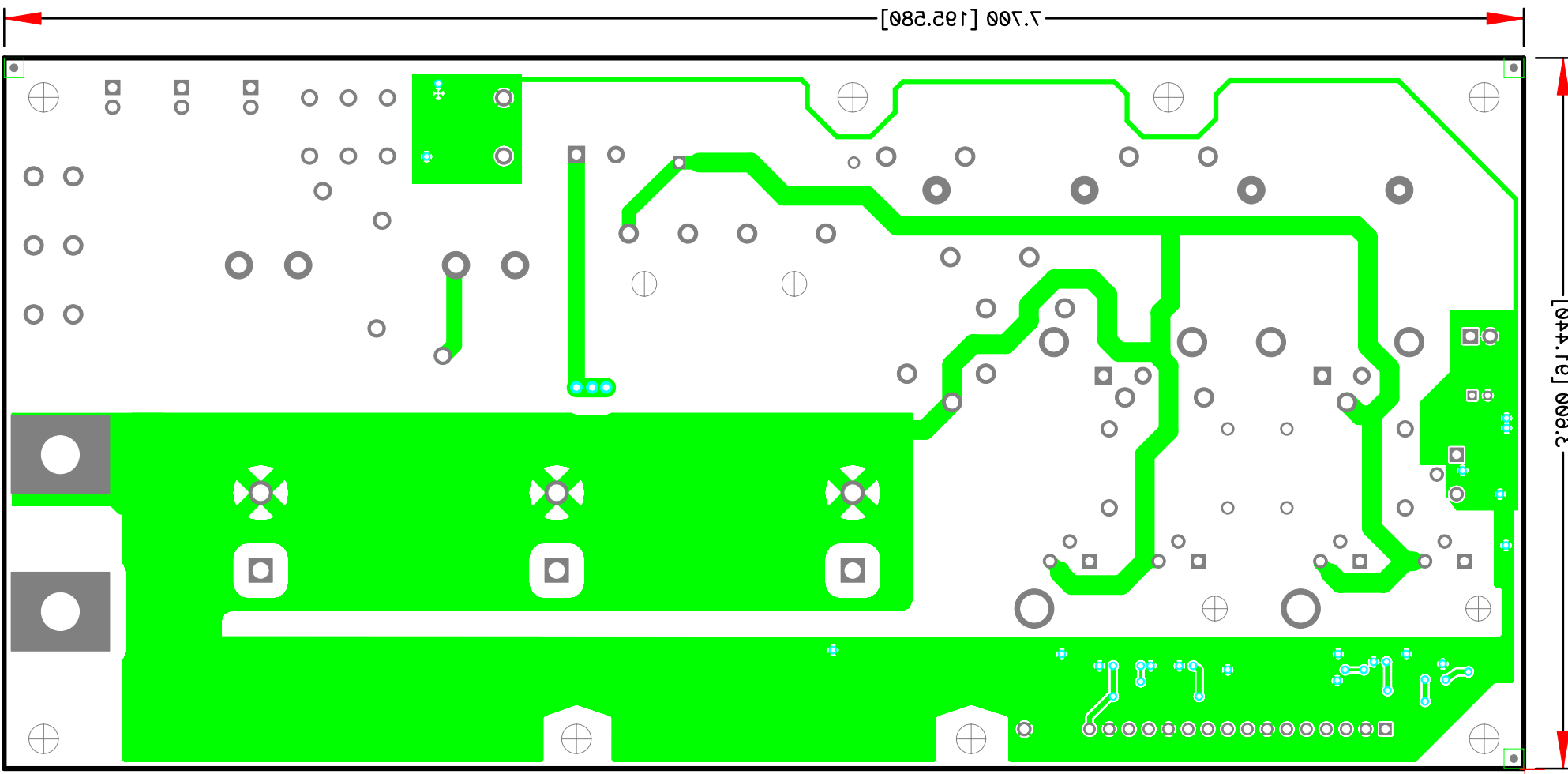
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|-----------------|--|----------------------|--|------------------------|--|-----------------------|--|---------------------------------|--|----------------------|--|
| Dwg: 7-30-08 | | Filename: PR779A.pcb | | Engineer: Ullie Goerke | | PCB Design: M Rodgers | | Modified Date: Thu Sep 18, 2008 | | Time Stamp: 10:33:16 | |
| Board No. PR779 | | Rev. A | | | | | | | | | |
| | | Top | | Copper Layer Name | | Silkscreen 2 Mask | | P Mask | | Assembly Top Drawing | |
| | | Bot | | | | Top Bot | | Top Bot | | Top Bot | |



| TEXAS INSTRUMENTS | | Copper Layer Name | | Silkscreen | | S Mask | | P Mask | | Assembly | | Fab Drawing |
|--------------------|----------------------|------------------------|----------------------|---------------------------------|-----|--------|-----|----------------------|-----|----------|-----|-------------|
| | | Top | Bot | Top | Bot | Top | Bot | Top | Bot | Top | Bot | |
| Board No. PR779 | Rev. A | L1 | | | | | | | | | | |
| Date: 7-30-08 | Filename: PR779A.pcb | Engineer: Ullie Goerke | PCB Dsgnr: M Rodgers | Modified Date: Thu Sep 18, 2008 | | | | Time Stamp: 10:33:22 | | | | |



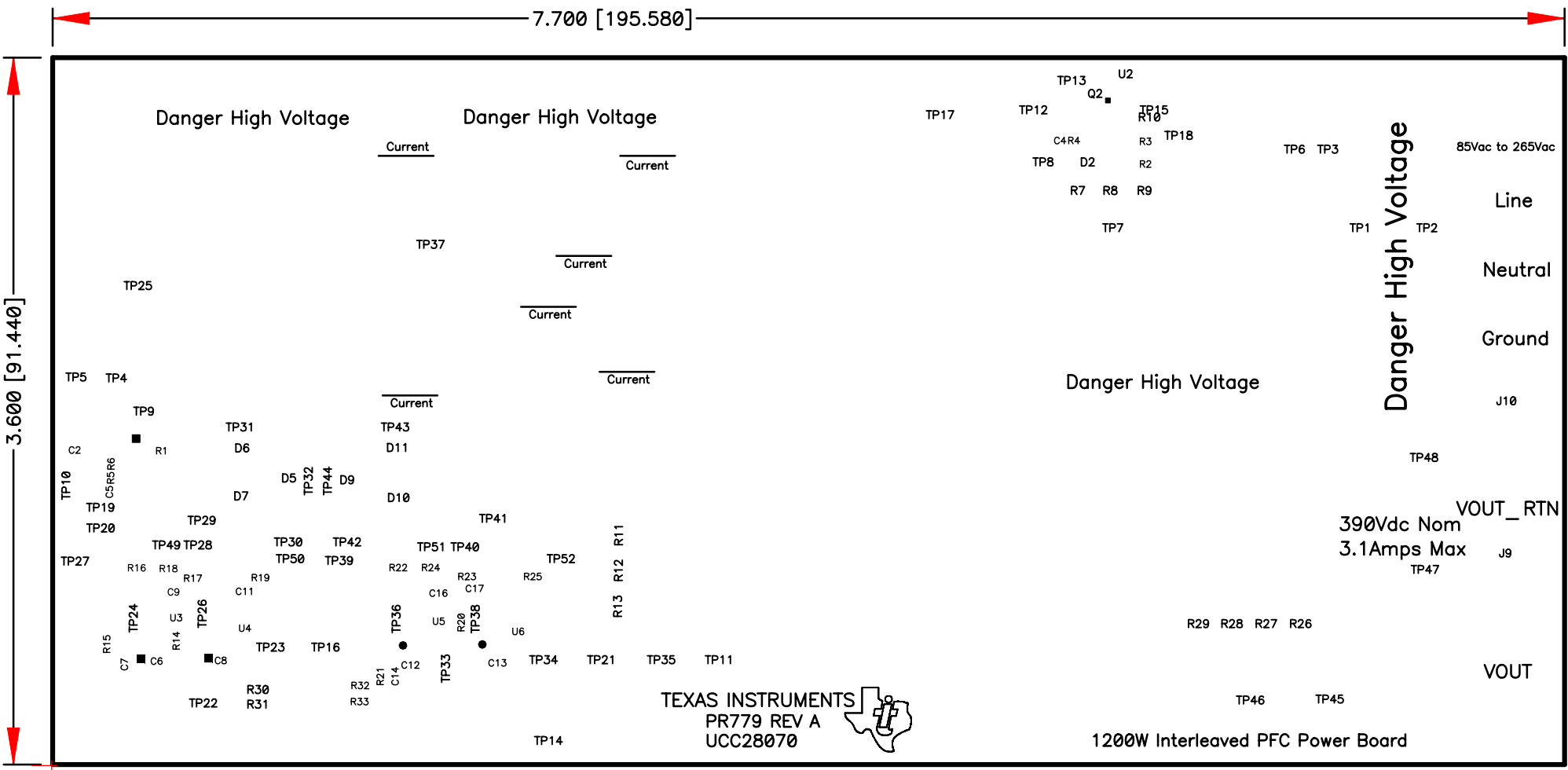
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|-------------------|---------|-------------------|------------|------------|--------------|------------|-----------|----------------|------------------|-------------|----------|-------------|
| TEXAS INSTRUMENTS | | Copper Layer Name | | Silkscreen | | S Mask | | P Mask | | Assembly | | Fab Drawing |
| | | Top | Bot | Top | Bot | Top | Bot | Top | Bot | Top | Bot | |
| Board No. | PR779 | Rev. | A | | | | | | | TA | | |
| Date: | 7-30-08 | Filename: | PR779A.pcb | Engineer: | Ullie Goerke | PCB Dsgnr: | M Rodgers | Modified Date: | Thu Sep 18, 2008 | Time Stamp: | 10:33:15 | |



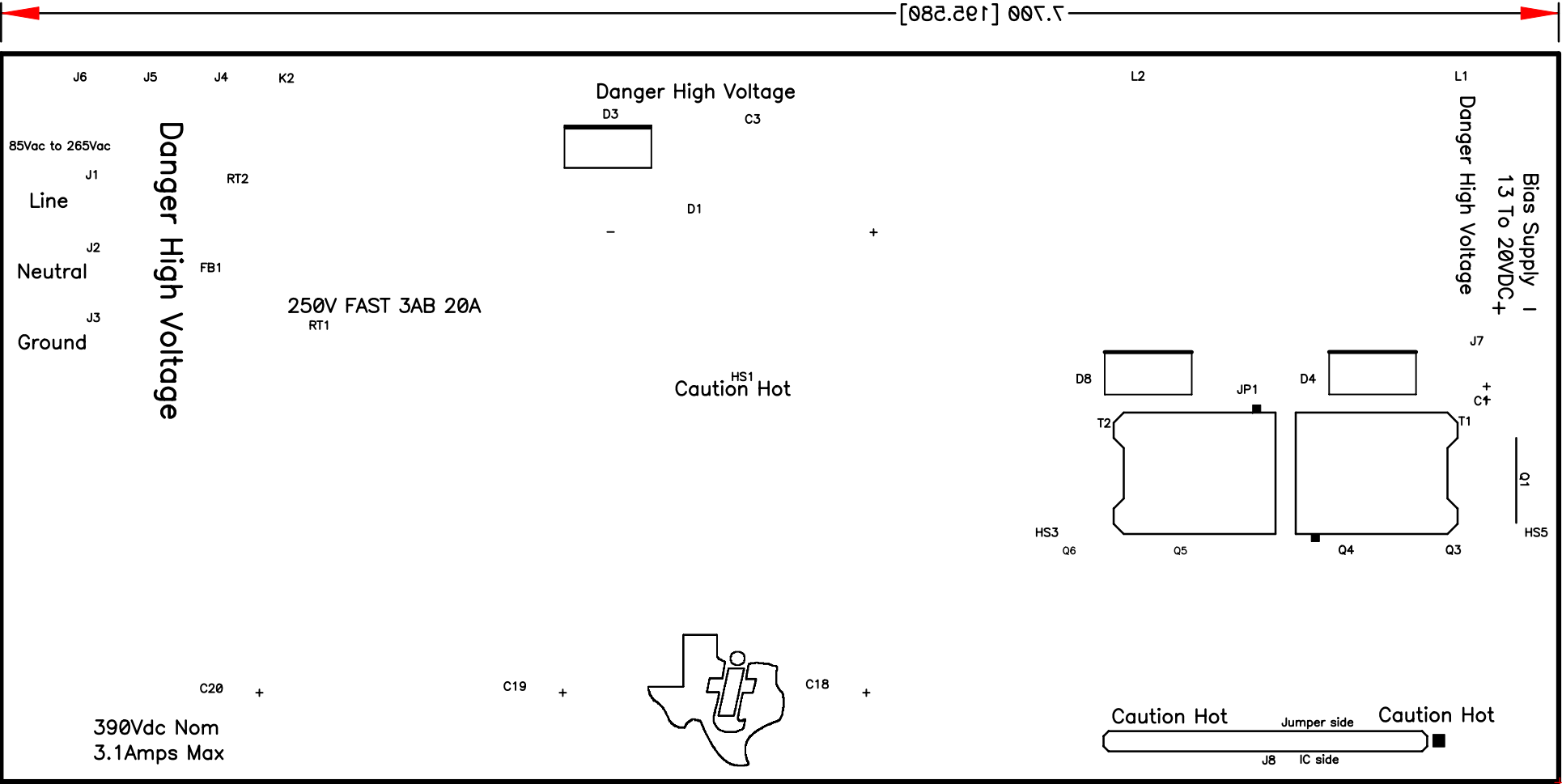
152.5 [in] 3907

194.1 [in] 4935

| | | | | | | | | | | | |
|--------------------------|--|----------------------|--|------------------------|--|----------------------------|--|---------------------------------|--|----------------------|--|
| Date: 7-30-08 | | Filename: PR739A.pcb | | Engineer: Ullie Goerke | | PCB Design: M Rodgers | | Modified Date: Thu Sep 18, 2008 | | Time Stamp: 10:33:23 | |
| Board No.: PR739 | | Rev.: A | | Copper Layer Name: L2 | | Silkscreen 2 Mask: Top Bot | | Silkscreen 1 Mask: Top Bot | | P Mask: Top Bot | |
| Assembly: Top Bot | | Fop Drawing: Top Bot | | | | | | | | | |
| TEXAS INSTRUMENTS | | | | | | | | | | | |



| | | | | | | | | | | | | |
|-------------------|---------|-------------------|------------|------------|--------------|------------|-----------|----------------|------------------|-------------|----------|-------------|
| TEXAS INSTRUMENTS | | Copper Layer Name | | Silkscreen | | S Mask | | P Mask | | Assembly | | Fab Drawing |
| | | Top | Bot | Top | Bot | Top | Bot | Top | Bot | Top | Bot | |
| Board No. | PR779 | Rev. | A | S1 | | | | | | | | |
| Date: | 7-30-08 | Filename: | PR779A.pcb | Engineer: | Ullie Goerke | PCB Dsgnr: | M Rodgers | Modified Date: | Thu Sep 18, 2008 | Time Stamp: | 10:33:22 | |



| | | | | | | | | | | | |
|------------------|--|----------------------|--|-------------------------|--|-------------------------|--|---------------------------------|--|----------------------|--|
| Date: 7-30-08 | | Filename: PR779A.pcb | | Engineer: Ulille Goerke | | PCB Designer: M Rodgers | | Modified Date: Thu Sep 18, 2008 | | Time Stamp: 10:33:24 | |
| Board No.: PR779 | | Rev.: A | | Copper Layer Name | | Silkscreen | | 2 Mask | | P Mask | |
| | | | | Top | | Top | | Top | | Top | |
| | | | | Bot | | Bot | | Bot | | Bot | |
| | | | | Top | | Top | | Top | | Top | |
| | | | | Bot | | Bot | | Bot | | Bot | |
| | | | | Top | | Top | | Top | | Top | |
| | | | | Bot | | Bot | | Bot | | Bot | |
| | | | | Top | | Top | | Top | | Top | |
| | | | | Bot | | Bot | | Bot | | Bot | |
| | | | | Top | | Top | | Top | | Top | |
| | | | | Bot | | Bot | | Bot | | Bot | |

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