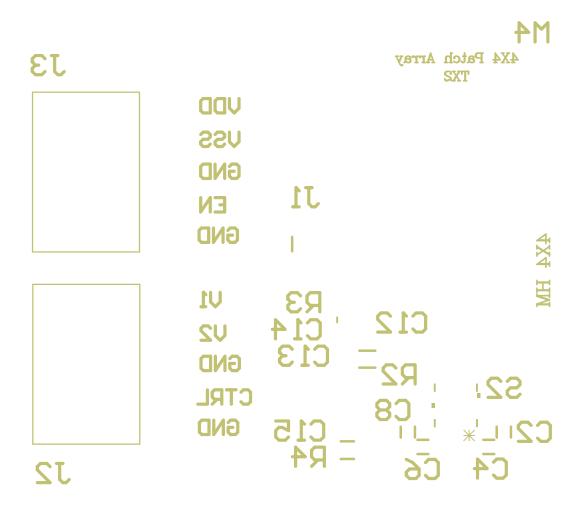
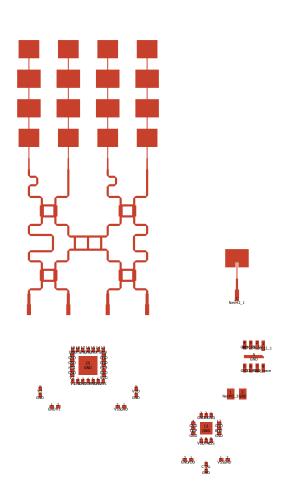
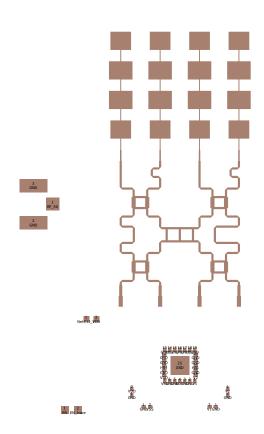


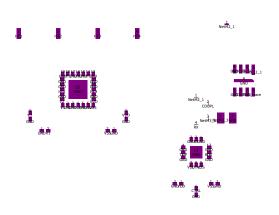
## M1 Double Sided R1 4X4 Patch Array TX1

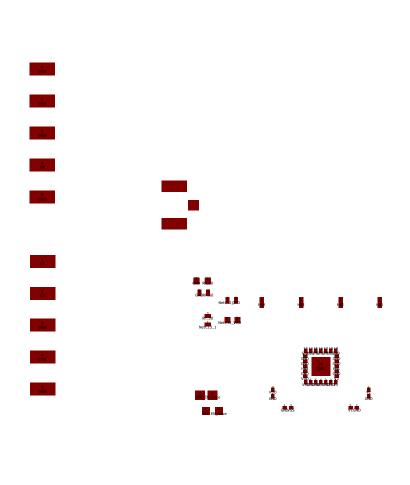
**M2** 60G-Patch RX **U2** S1, C1: L'\* | C7 C3 C5 U1

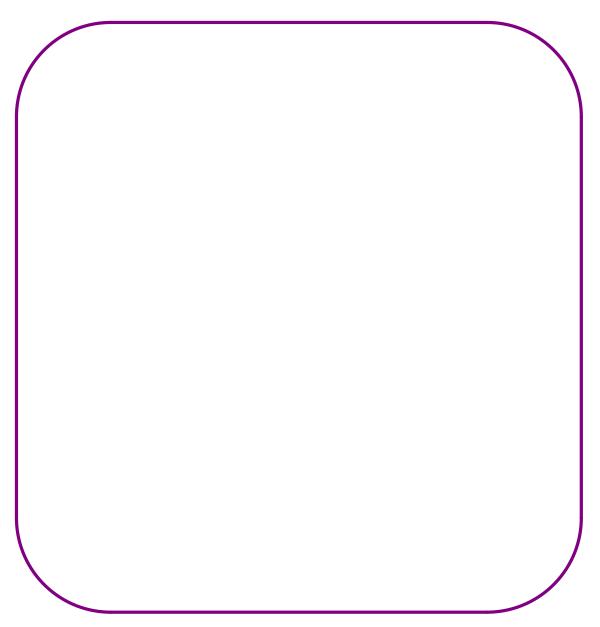


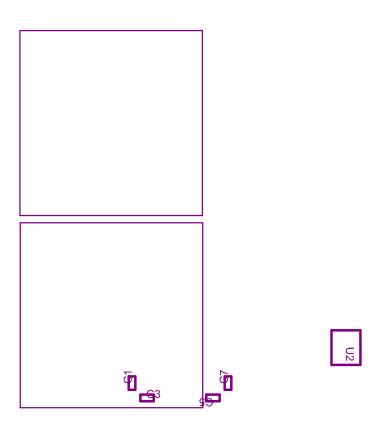




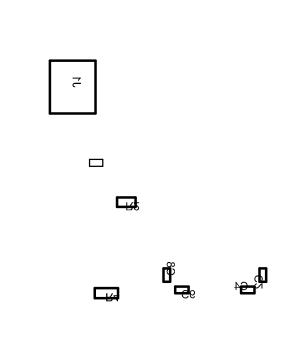












 $\nabla$  $\nabla$  $\nabla \nabla \nabla \nabla$  $\nabla \nabla$  $\nabla$  $\nabla \nabla \nabla \nabla$  $_{\square} \ \, \nabla \ \, \nabla$  $\nabla \nabla \nabla \nabla$  $\nabla$  $\nabla \nabla$  $\nabla$  $\triangle$   $\triangle$   $\triangle$  $\nabla \nabla \nabla \nabla$  $\nabla \nabla$  $\nabla$  $\nabla \nabla \nabla$  $\nabla \nabla \nabla$  $\nabla$  $\nabla \nabla \nabla \nabla \nabla$  $\nabla$  $\nabla \nabla \nabla \nabla$  $abla \quad 
abla \quad 
abl$  $\nabla$  $\nabla$  $\nabla \nabla \nabla \nabla$  $\nabla$  $\nabla \nabla \nabla \nabla \nabla$  $\nabla$  $\nabla$  $\nabla \nabla \nabla \nabla \nabla \nabla$  $\nabla$  $\nabla \nabla$  $\nabla \nabla$  $\nabla \nabla \nabla \nabla \nabla$  $\nabla$  $\nabla$  $\nabla$   $\nabla$   $\nabla$   $\nabla$   $\nabla$  $\nabla \nabla$  $\nabla$  $\nabla$  $\nabla \nabla \nabla \nabla \nabla$  $\nabla$  $\nabla$  $\nabla \nabla \nabla \nabla \nabla$  $\nabla$  $\nabla$  $\nabla \nabla \nabla \nabla$  $\nabla$  $\nabla \nabla$  $\nabla \nabla \nabla \nabla \nabla$  $\nabla$  $\nabla \nabla$  $\nabla \nabla \nabla \nabla$  $\nabla$  $\nabla \nabla \nabla \nabla \nabla$  $\nabla \nabla$  $\nabla \nabla \nabla \nabla$  $\nabla$  $\nabla$   $\nabla$   $\nabla$   $\nabla$   $\nabla$  $\nabla \nabla$  $\blacksquare$  $\nabla \nabla \nabla \nabla \nabla$  $\nabla$  $\Box$  $\nabla \nabla \nabla \nabla \nabla \nabla$ П  $\nabla$  $\nabla$   $\nabla$   $\nabla$   $\nabla$   $\nabla$  $\nabla$   $\nabla$   $\nabla$   $\nabla$   $\nabla$   $\nabla$  $\nabla \nabla \nabla \nabla \nabla$  $\nabla$   $\nabla$   $\nabla$   $\nabla$   $\nabla$   $\nabla$   $\nabla$  $\nabla$   $\nabla$   $\nabla$   $\nabla$   $\nabla$  $\nabla$   $\nabla$   $\nabla$   $\nabla$   $\nabla$   $\nabla$   $\nabla$   $\nabla$   $\nabla$  $\nabla$   $\nabla$   $\nabla$   $\nabla$   $\nabla$   $\nabla$ 

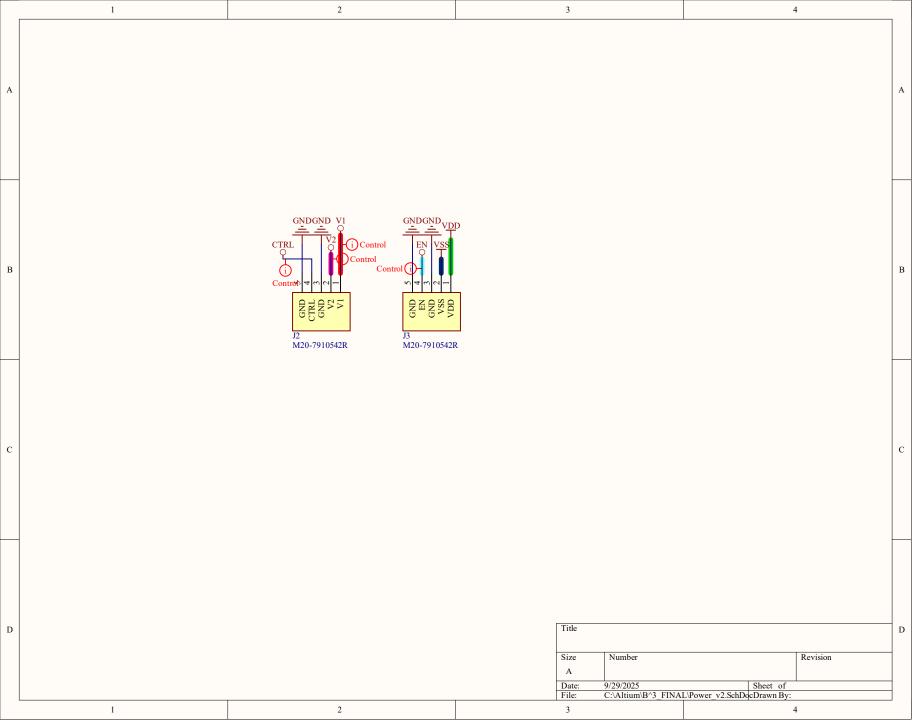
+ + + + + + + + + + + + + + + + + . . . . . . . . . . . . . . . ::: 

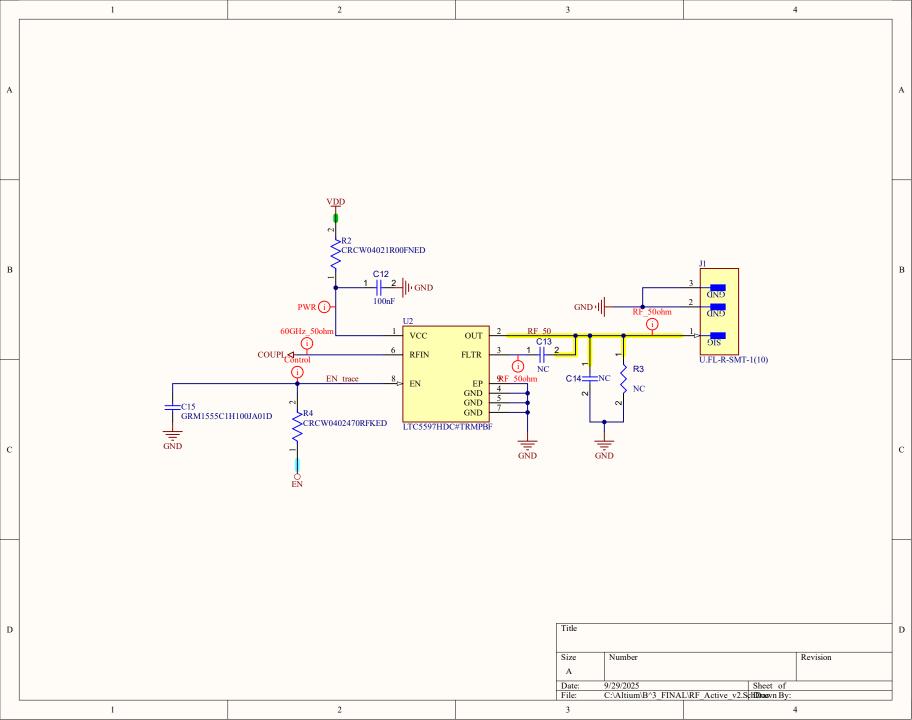
. . . . . . . . . . . . .

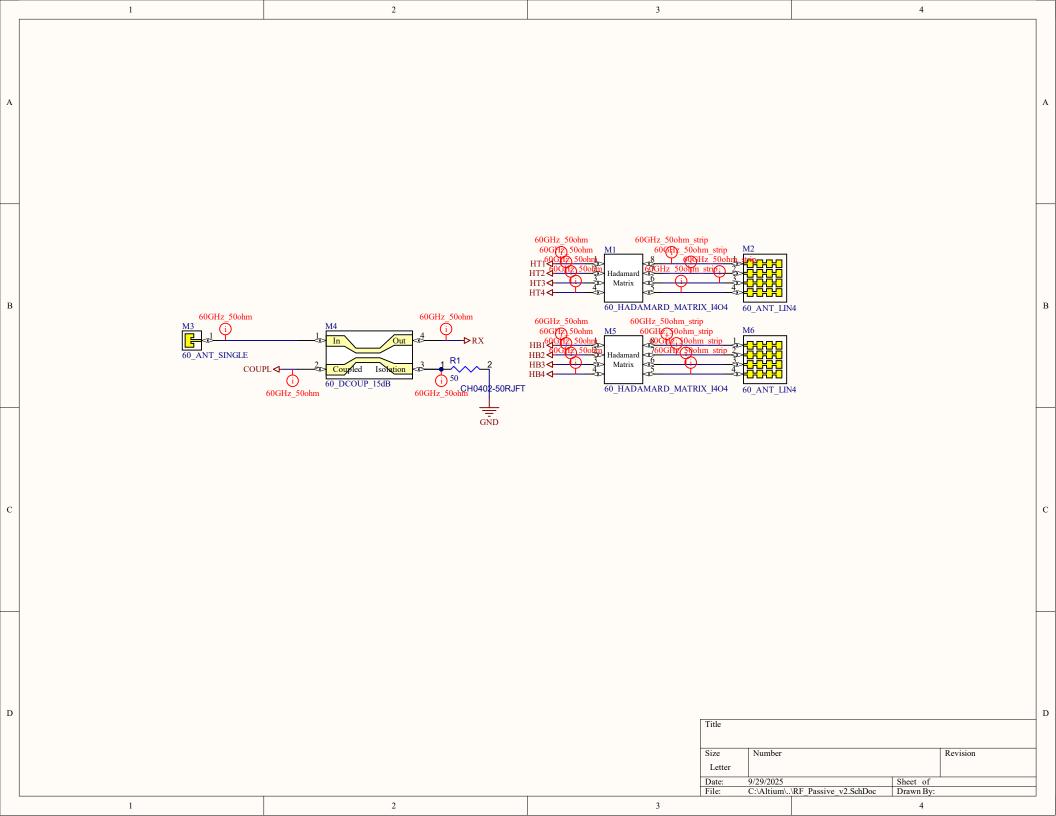
. . . . . . . . . . . . . . . . . .

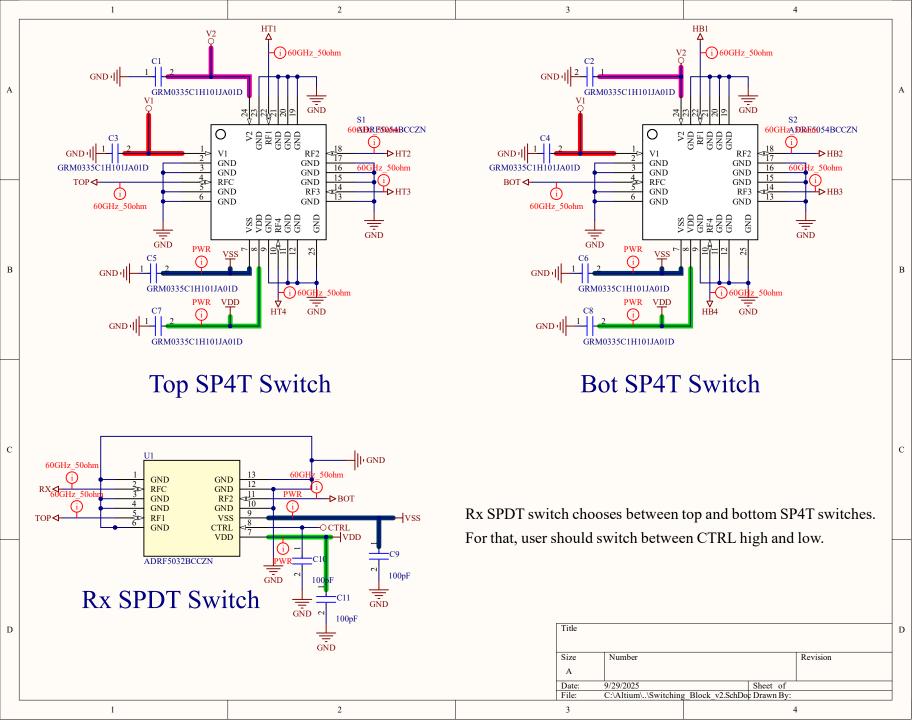
+ . .

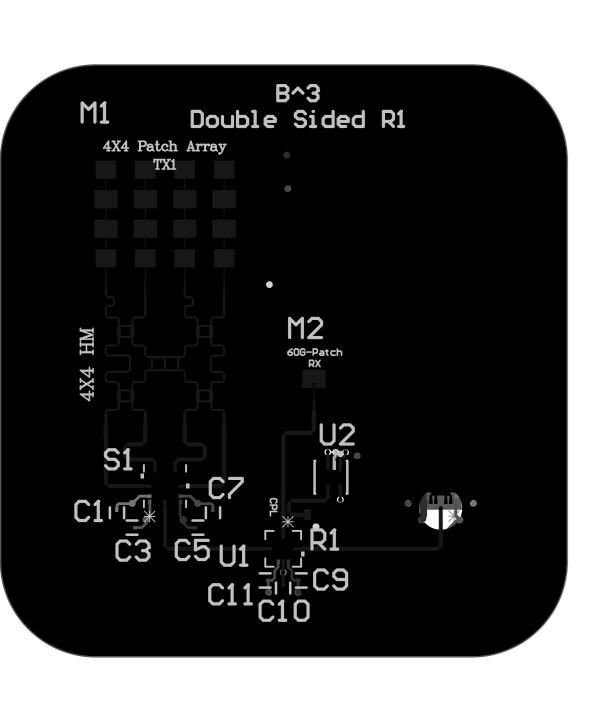
. • • • • • . 











| Layer | Name           | Material      | Thickness | Constant | Board Layer Stack |
|-------|----------------|---------------|-----------|----------|-------------------|
|       | Top Overlay    |               |           |          |                   |
|       | Top Solder     | Solder Resist | 0.40mil   | 3.5      |                   |
| 1     | Top Layer      |               | 0.35mil   |          |                   |
|       | Dielectric 1   | Taconic TLX-8 | 5.00mil   | 2.55     |                   |
| 2     | Layer 1        | CF-004        | 0.69mil   |          |                   |
|       | Dielectric 2   | FR-4          | 2.30mil   | 4.4      |                   |
| 3     | Layer 2        | CF-004        | 0.69mil   |          |                   |
|       | Dielectric 3   | FR-4          | 8.00mil   | 4.4      |                   |
| 4     | Layer 3        | CF-004        | 0.69mil   |          |                   |
|       | Dielectric 4   | FR-4          | 2.30mil   | 4.4      |                   |
| 5     | Layer 4        | CF-004        | 0.69mil   |          |                   |
|       | Dielectric 5   | Taconic TLX-8 | 5.00mil   | 2.55     |                   |
| 6     | Bottom Layer   |               | 0.35mil   |          |                   |
|       | Bottom Solder  | Solder Resist | 0.40mil   | 3.5      |                   |
|       | Bottom Overlay |               |           |          |                   |

## **Board Stack Report**

| Stack Up |                    | Layer Stack    |               |           |          |
|----------|--------------------|----------------|---------------|-----------|----------|
| Layer    | Board Layer Stack  | Name           | Material      | Thickness | Constant |
| 1        |                    | Top Overlay    |               | 0mil      |          |
| 2        |                    | Top Solder     | Solder Resist | 0.4mil    | 3.5      |
| 3        |                    | Top Layer      |               | 0.354mil  |          |
| 4        |                    | Dielectric 1   | Taconic TLX-8 | 5mil      | 2.55     |
| 5        |                    | Layer 1        | CF-004        | 0.689mil  |          |
| 6        |                    | Dielectric 2   | FR-4          | 2.3mil    | 4.4      |
| 7        |                    | Layer 2        | CF-004        | 0.689mil  |          |
| 8        |                    | Dielectric 3   | FR-4          | 8mil      | 4.4      |
| 9        |                    | Layer 3        | CF-004        | 0.689mil  |          |
| 10       |                    | Dielectric 4   | FR-4          | 2.3mil    | 4.4      |
| 11       |                    | Layer 4        | CF-004        | 0.689mil  |          |
| 12       |                    | Dielectric 5   | Taconic TLX-8 | 5mil      | 2.55     |
| 13       |                    | Bottom Layer   |               | 0.354mil  |          |
| 14       |                    | Bottom Solder  | Solder Resist | 0.4mil    | 3.5      |
| 15       |                    | Bottom Overlay |               | 0mil      |          |
|          | Height : 26.864mil |                |               |           |          |

## B^3 Double Sided R1 4X4 Patch Array TX1 606-Patch RX

