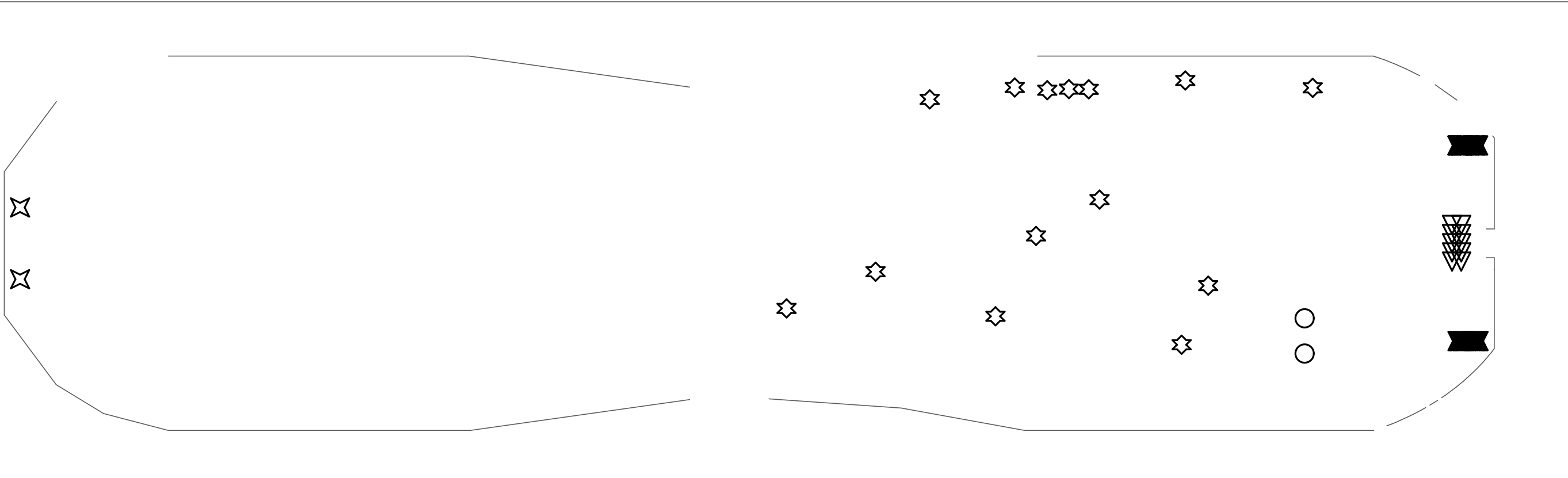


Fabrication Notes:

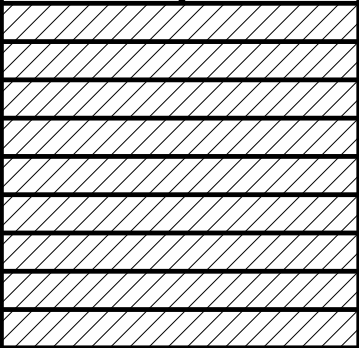
- 1. All dimensions in inches. Tolerance = +/- 0.005 unless noted otherwise
- 2. All materials: laminates, resins, metallizations and soldermask to be compliant to EU RoHS directive 2002/95/EC IAW SP-12509-01.
- 3. Phenolic Paper FR-1 or similar grade.
- 4. Adjust prepreg for 0.062 , +/- 0.003 finished thickness measured over soldermask.
- 5. Copper thickness 0.0014 , (1 oz).
- 6. Drill chart dimensions are drill sizes and not finished hole sizes.
- 7. Finish - immersion gold over nickel. No exposed bare copper permitted.
- 8. Thieving not allowed on layer 1.
- 9. Solder mask over bare copper, LPI class 2 gen. industrial registration +/- 0.004 .
- 10. No coverage on solder pads permitted.
- 11. Refer to soldermask gerbers for tenting of vias.
- 12. White silkscreen legend over green soldermask
- 13. Manufacturer icons not permitted on the silkscreen top layer.
- 14. PCB serialization/panel placement ID on silkscreen bottom.
- 15. Full electrical test against IPC-356A netlist.
- 16. This is a single copper layer design with no copper permitted on the bottom side, (no copper pads for through hole components on bottom layer)
- 17. Do not plate through holes.

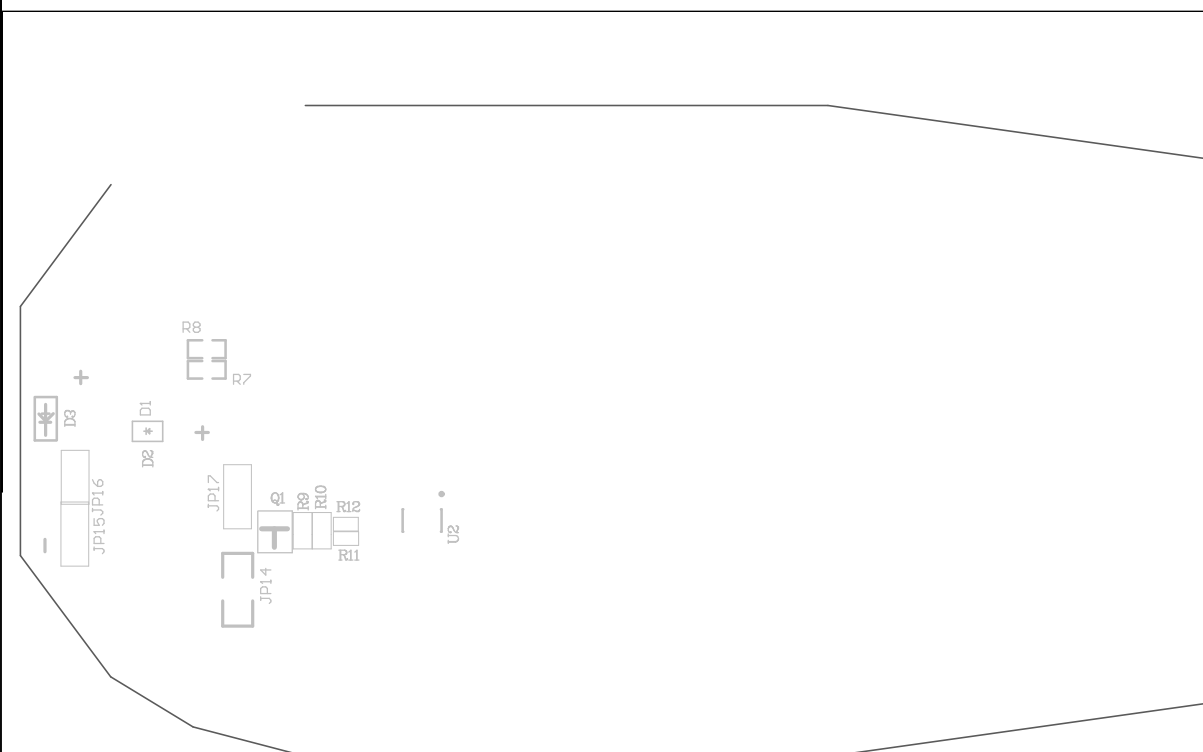
Symbol	Hit Count	Finished Hole Size	Plated	Hole Type
○	2	0.584mm (23.00mil)	PTH	Round
▽	10	0.650mm (25.59mil)	PTH	Round
✱	14	0.762mm (30.00mil)	PTH	Round
✱	69	0.800mm (31.50mil)	PTH	Round
□	80	0.000mm (0.00mil)	PTH	Round
	175 Total			



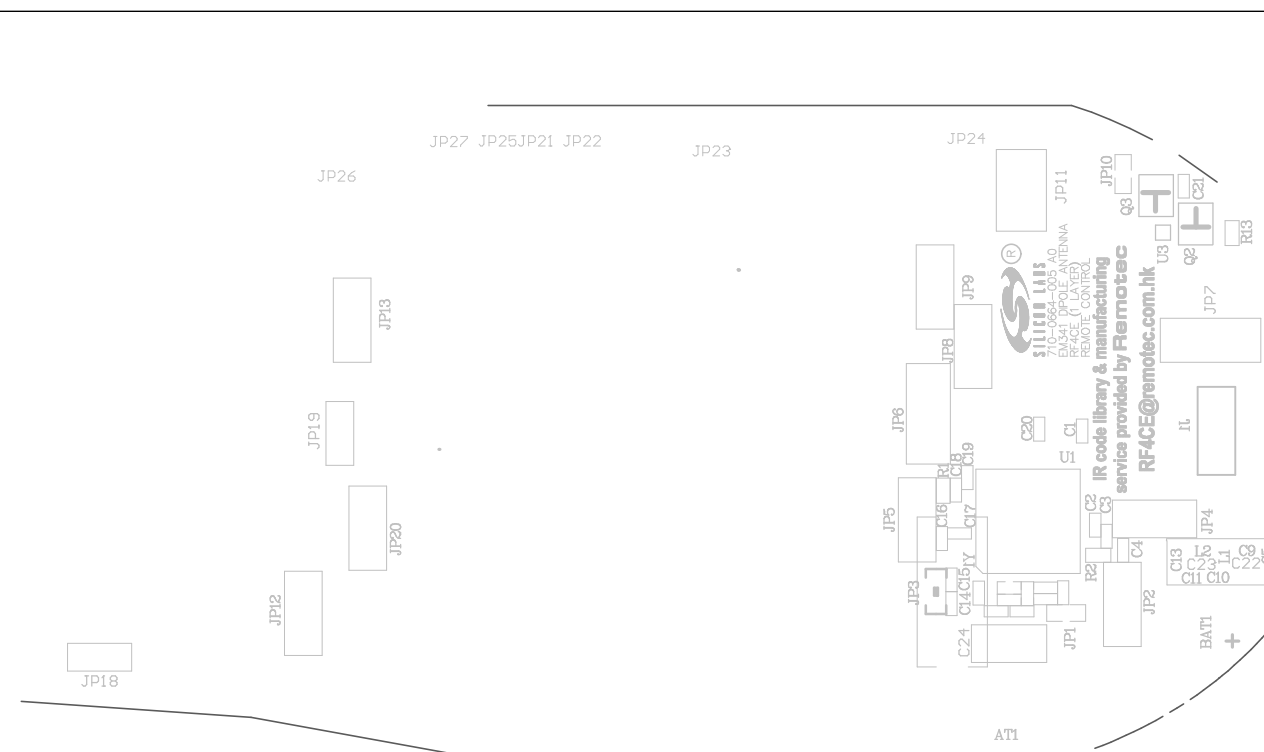
Drill Drawing

EM341\_REF\_DES\_RF4CE\_LCR\_A0  
EM341 Dipole Antenna RF4CE 1-Layer Remote Control

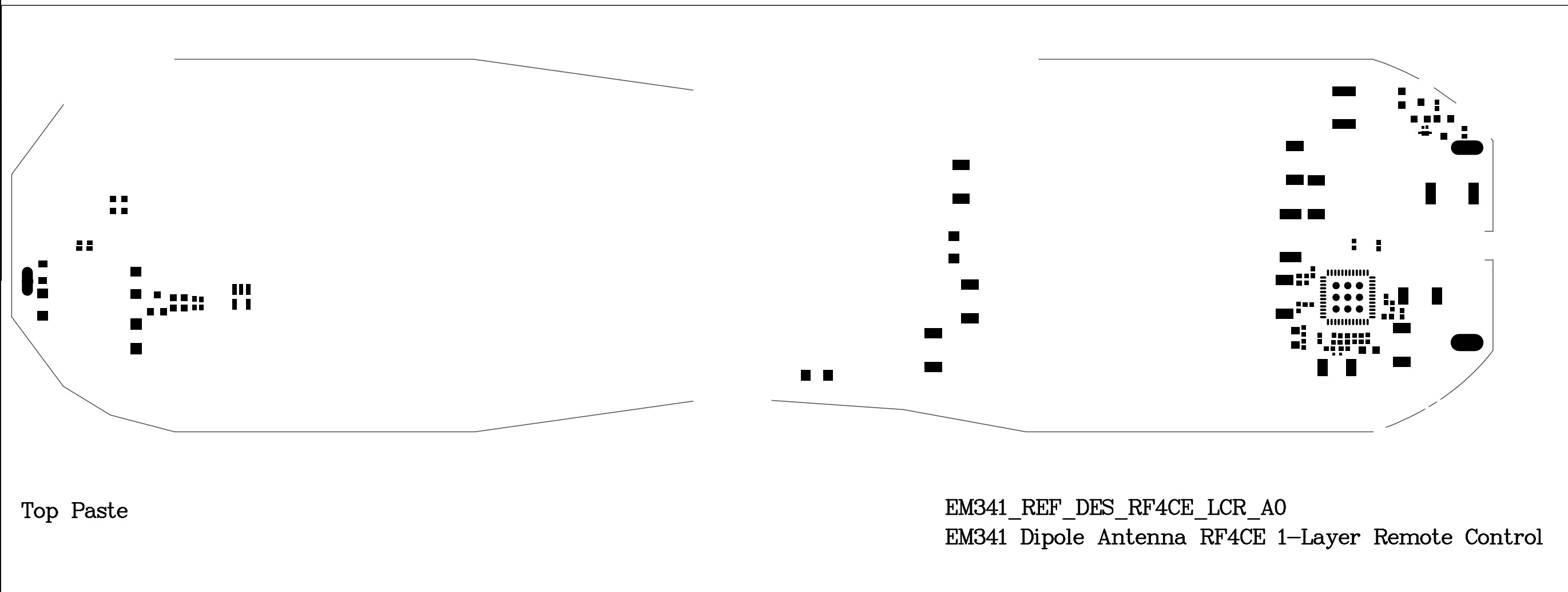
Layer	Name	Material	Thickness	Constant	Board Layer Stack
1	Top Paste				
2	Top Overlay				
3	Top Solder	Solder Resist	0.40mil	3.5	
4	Top Layer	Copper	1.40mil		
5	Dielectric1	FR-1 Phenolic Paper	12.60mil	2.7	
6	Carbon Ink Layer	Copper			
7	Bottom Solder	FR-4	12.60mil	4.8	
8	Bottom Overlay				
9	Bottom Paste				

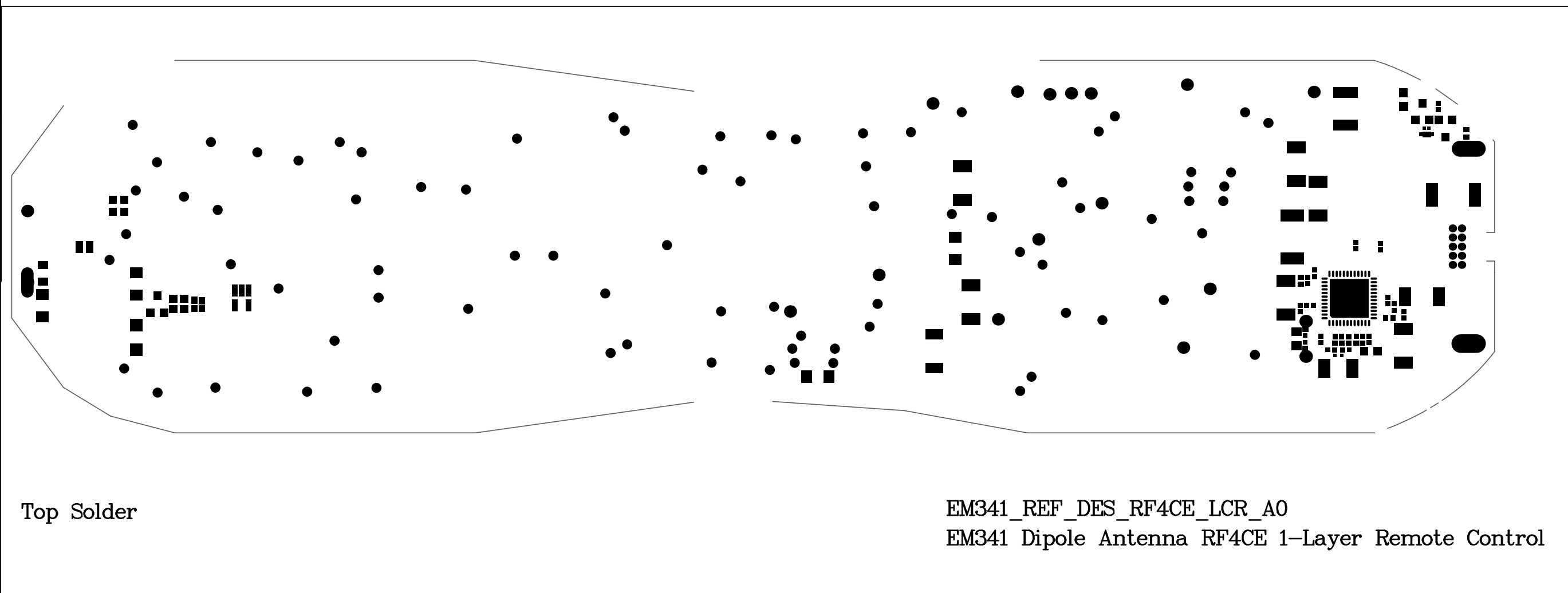


## Top Overlay



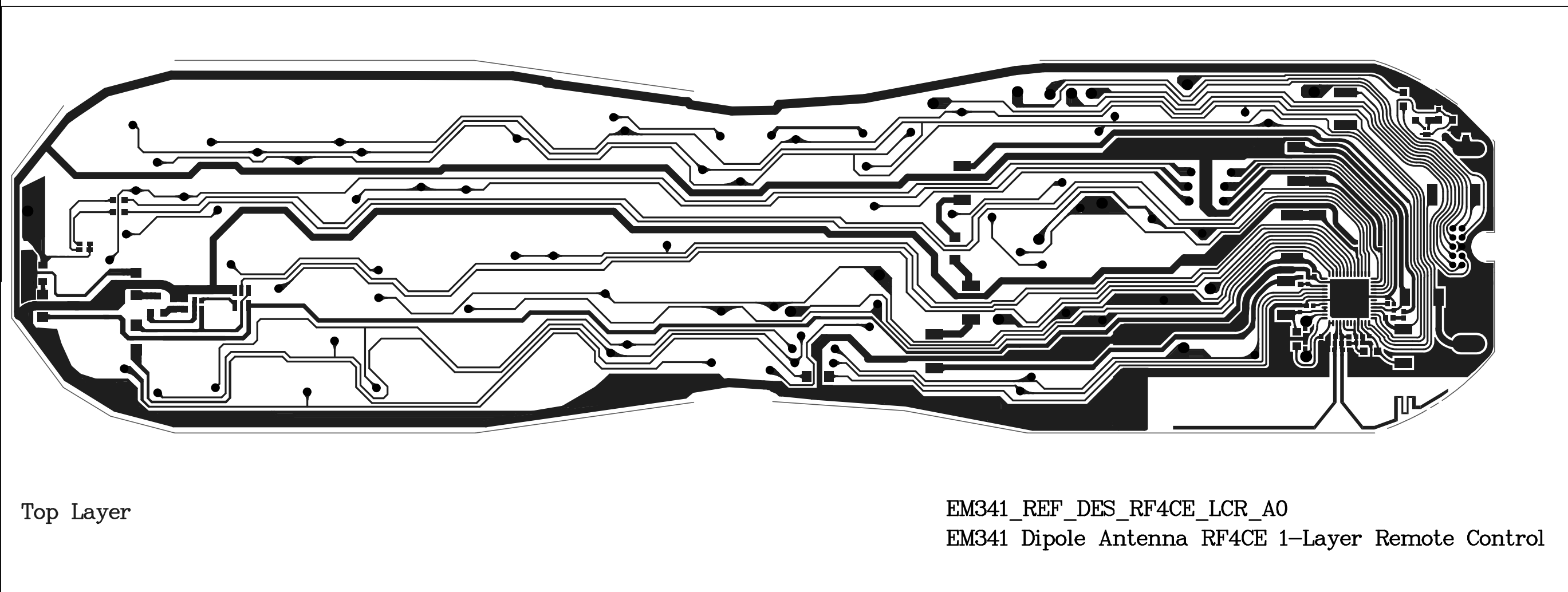
EM341\_REF\_DES\_RF4CE\_LCR\_A0  
EM341 Dipole Antenna RF4CE 1-Layer Remote Control

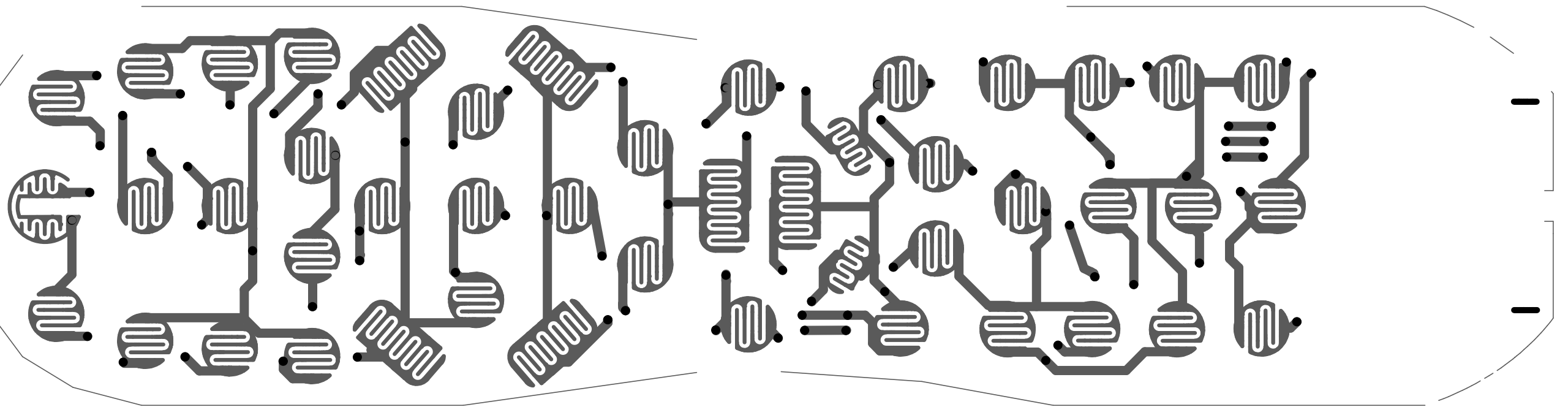




Top Solder

EM341\_REF\_DES\_RF4CE\_LCR\_A0  
EM341 Dipole Antenna RF4CE 1-Layer Remote Control





Carbon Ink Layer over Top Layer

EM341\_REF\_DES\_RF4CE\_LCR\_A0  
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