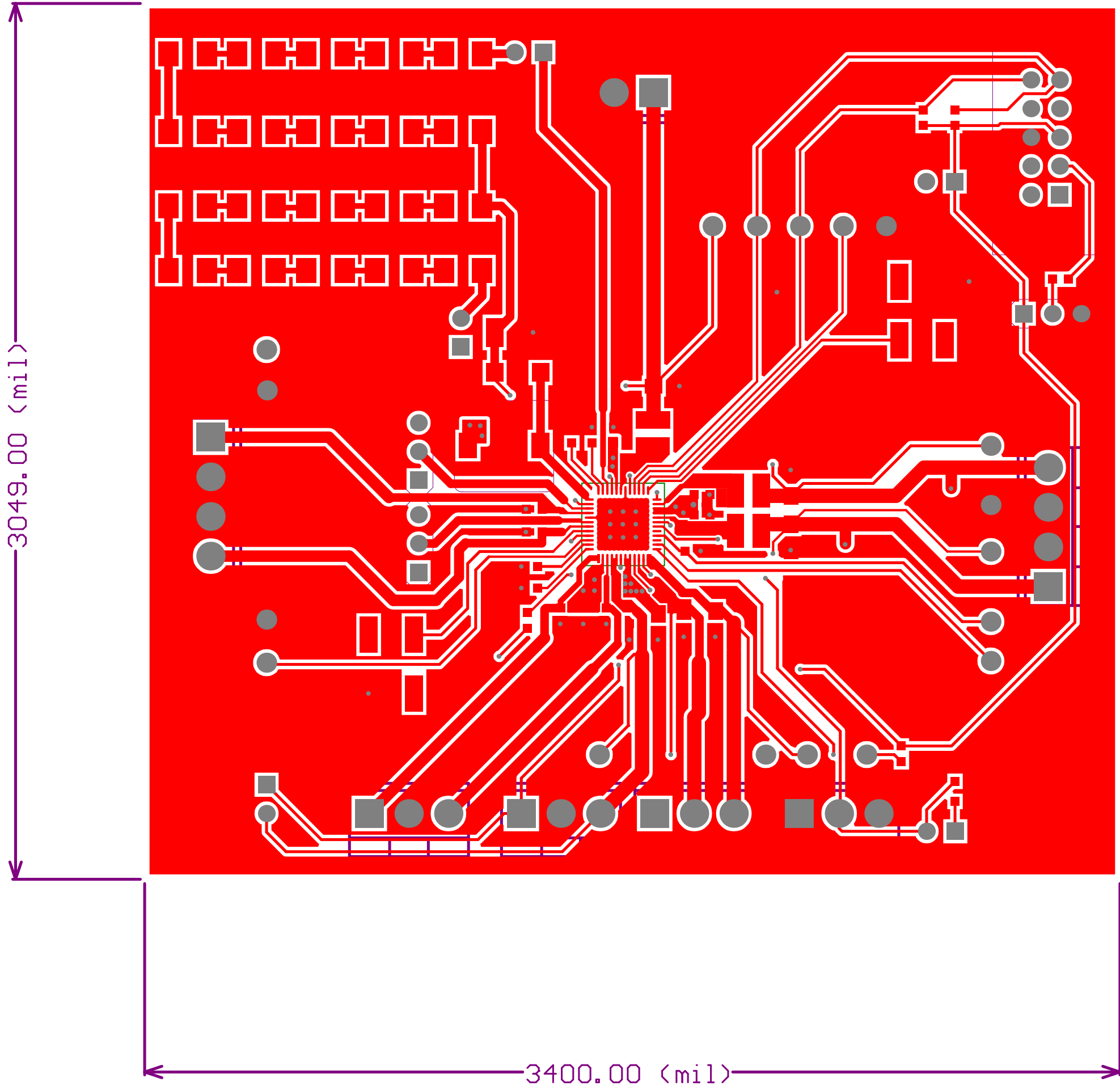


- Notes :
1. PWB TO BE MANUFACTURED RoHS COMPLIANT
  2. PWB TO BE FABRICATED TO MEET OR EXCEED IPC-6012, CLASS 2 STANDARDS AND WORKMANSHIP SHALL CONFORM TO IPC-A-600, CLASS 2 - CURRENT REVISIONS
  3. BOARD MATERIAL AND CONSTRUCTION TO BE UL APPROVED AND MARKED ON THE FINISHED BOARD.
  4. LAMINATE MATERIAL:  
BOARD MATERIAL SHALL BE 180 Tg/340 Td ISOLA FR - 370HR OR EQUIVALENT , RoHS COMPLIANT AND LEAD FREE ASSEMBLY CAPABLE. BOARD MATERIAL SHALL MEET OR EXCEED IPC-4101B
  5. COPPER WEIGHT : 2oz FINISHED, TOP AND BOTTOM , 1 OZ. INTERNAL
  6. FINISHED THICKNESS : .062 +/- .010
  7. MIN PLATING THICKNESS IN THROUGH HOLES: .001'
  8. BOARD FINISH:  
PLATE ALL EXPOSED AREAS WITH ELECTROLESS IMMERSION GOLD  
NICKEL 100 MICROINCHES THK GOLD 2-3 MICROINCHES THK MIN
  9. LPI SOLDERMASK BOTH SIDES USING APPROPRIATE LAYER ATRWORK: COLOR = GREEN
  10. LPI SILKSCREEN AS REQUIRED : COLOR - WHITE
  11. VENDOR INFORMATION TO BE INCORPORATED ON BACK SIDE WHENEVER POSSIBLE
  12. MINIMUM COPPER CONDUCTOR WIDTH IS 7 MILS  
MINIMUM CONDUCTOR SPACING IS: 7 MILS
  13. NUMBER OF FINISHED LAYERS: 4
  14. BOARD DIMENSIIONS: 3.4 x 3.049 inches

MECHANICAL TOLERANCES AND CHARACTERSTICS  
UNLESS OTHERWISE NOTED TOLEREANCES ARE:  
HOLES +/- 0.003 PTH STANDARD  
HOLES +/- 0.002 nPTH STANDARD  
MAXIMUM WRAP AND TWIST TO BE 0.005 INCH PER INCH

TA  
L1  
BA



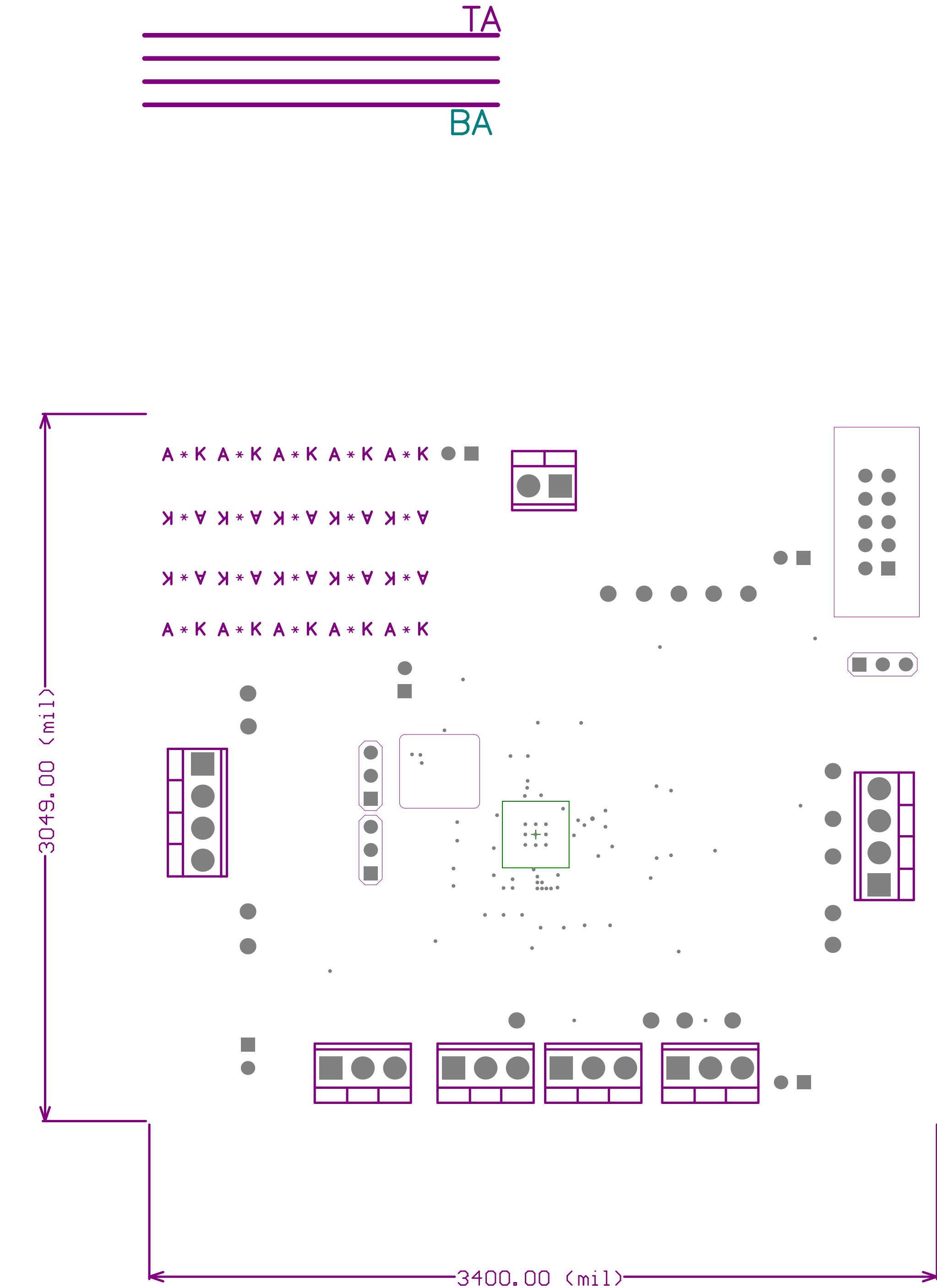
FABRICATION CHART

FINISHED THICKNESS	SILKSCREEN	SOLDERMASK	FINISHED COPPER WEIGHT	
			EXTERNAL	INTERNAL
<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 4 <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 4 <input type="checkbox"/> NONE	<input type="checkbox"/> 1 OZ. <input checked="" type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____	<input checked="" type="checkbox"/> 1 OZ. <input type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____
DESIGN	TRACE/GAP SPACING	LAYER COUNT		
<input type="checkbox"/> SMD <input type="checkbox"/> THRU-HOLE <input checked="" type="checkbox"/> MIX	<input type="checkbox"/> 0.010/0.010 <input checked="" type="checkbox"/> 0.007/0.007 <input type="checkbox"/> 0.006/0.006	<input type="checkbox"/> SINGLE SIDED <input checked="" type="checkbox"/> 4 LAYER <input type="checkbox"/> 8 LAYER <input type="checkbox"/> OTHER _____ <input type="checkbox"/> 2 LAYER <input type="checkbox"/> 6 LAYER <input type="checkbox"/> 10 LAYER		

TEXAS INSTRUMENTS			Copper Layer Name			Silkscreen		S Mask		P Mask		Assembly		Fab Drawing
Board No.	Rev.	L1	Top	Internal	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot	
Radar EVM	1	L1										TA	BA	FB
Date:	Filename:	Engineer:	PCB Dsgnr:		Modified Date:						Time Stamp:			

- Notes :
1. PWB TO BE MANUFACTURED RoHS COMPLIANT
  2. PWB TO BE FABRICATED TO MEET OR EXCEED IPC-6012, CLASS 2 STANDARDS AND WORKMANSHIP SHALL CONFORM TO IPC-A-600, CLASS 2 - CURRENT REVISIONS
  3. BOARD MATERIAL AND CONSTRUCTION TO BE UL APPROVED AND MARKED ON THE FINISHED BOARD.
  4. LAMINATE MATERIAL:  
BOARD MATERIAL SHALL BE 180 Tg/340 Td ISOLA FR - 370HR OR EQUIVALENT , RoHS COMPLIANT AND LEAD FREE ASSEMBLY CAPABLE. BOARD MATERIAL SHALL MEET OR EXCEED IPC-4101B
  5. COPPER WEIGHT : 2oz FINISHED, TOP AND BOTTOM , 1 OZ. INTERNAL
  6. FINISHED THICKNESS : .062 +/- .010
  7. MIN PLATING THICKNESS IN THROUGH HOLES: .001'
  8. BOARD FINISH:  
PLATE ALL EXPOSED AREAS WITH ELECTROLESS IMMERSION GOLD  
NICKEL 100 MICROINCHES THK GOLD 2-3 MICROINCHES THK MIN
  9. LPI SOLDERMASK BOTH SIDES USING APPROPRIATE LAYER ATRWORK: COLOR = GREEN
  10. LPI SILKSCREEN AS REQUIRED : COLOR - WHITE
  11. VENDOR INFORMATION TO BE INCORPORATED ON BACK SIDE WHENEVER POSSIBLE
  12. MINIMUM COPPER CONDUCTOR WIDTH IS 7 MILS  
MINIMUM CONDUCTOR SPACING IS: 7 MILS
  13. NUMBER OF FINISHED LAYERS: 4
  14. BOARD DIMENSIIONS: 3.4 x 3.049 inches

MECHANICAL TOLERANCES AND CHARACTERSTICS  
UNLESS OTHERWISE NOTED TOLEREANCES ARE:  
HOLES +/- 0.003 PTH STANDARD  
HOLES +/- 0.002 nPTH STANDARD  
MAXIMUM WRAP AND TWIST TO BE 0.005 INCH PER INCH

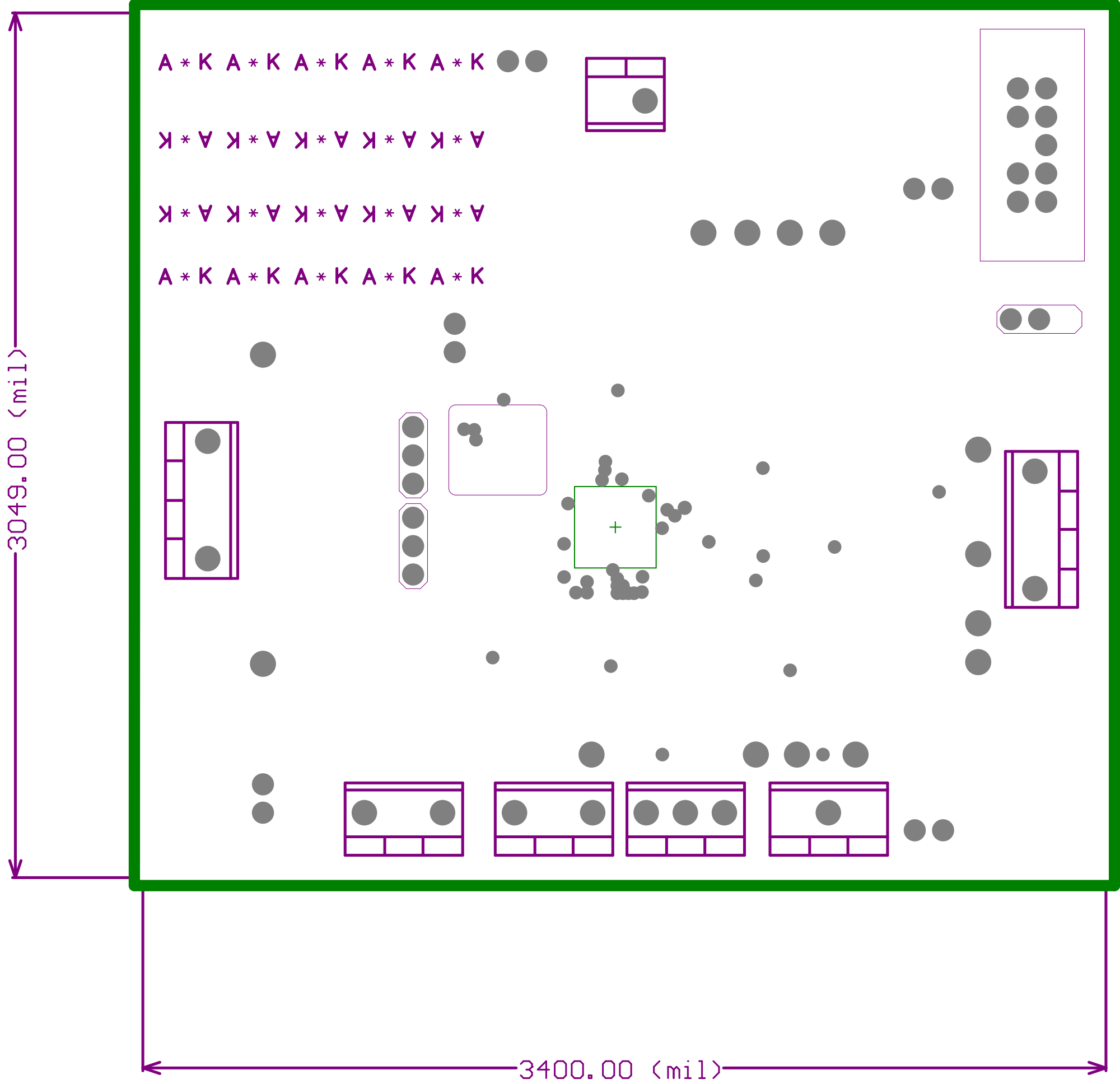


FABRICATION CHART																
FINISHED THICKNESS	SILKSCREEN	SOLDERMASK	FINISHED COPPER WEIGHT													
			EXTERNAL	INTERNAL												
<input type="checkbox"/> 0.031 <input checked="" type="checkbox"/> 0.062 <input type="checkbox"/> 0.093 <input type="checkbox"/> 0.125	<input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 4 <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 4 <input type="checkbox"/> NONE	<input type="checkbox"/> 1 OZ. <input checked="" type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____	<input checked="" type="checkbox"/> 1 OZ. <input type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____												
DESIGN	TRACE/GAP SPACING		LAYER COUNT													
<input type="checkbox"/> SMD <input type="checkbox"/> THRU-HOLE <input checked="" type="checkbox"/> MIX	<input type="checkbox"/> 0.010/0.010 <input checked="" type="checkbox"/> 0.007/0.007 <input type="checkbox"/> 0.006/0.006		<input type="checkbox"/> SINGLE SIDED <input checked="" type="checkbox"/> 4 LAYER <input type="checkbox"/> 8 LAYER <input type="checkbox"/> OTHER _____ <input type="checkbox"/> 2 LAYER <input type="checkbox"/> 6 LAYER <input type="checkbox"/> 10 LAYER													
TEXAS INSTRUMENTS				Copper Layer Name		Silkscreen		S Mask		P Mask		Assembly		Fab Drawing		
Board No. Radar EVM				Rev. 1		Top	Internal	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot
														TA	BA	FB
Date:		Filename:		Engineer:		PCB Dsgnr:		Modified Date:				Time Stamp:				

- Notes :
1. PWB TO BE MANUFACTURED RoHS COMPLIANT
  2. PWB TO BE FABRICATED TO MEET OR EXCEED IPC-6012, CLASS 2 STANDARDS AND WORKMANSHIP SHALL CONFORM TO IPC-A-600, CLASS 2 - CURRENT REVISIONS
  3. BOARD MATERIAL AND CONSTRUCTION TO BE UL APPROVED AND MARKED ON THE FINISHED BOARD.
  4. LAMINATE MATERIAL:  
BOARD MATERIAL SHALL BE 180 Tg/340 Td ISOLA FR - 370HR OR EQUIVALENT , RoHS COMPLIANT AND LEAD FREE ASSEMBLY CAPABLE. BOARD MATERIAL SHALL MEET OR EXCEED IPC-4101B
  5. COPPER WEIGHT : 2oz FINISHED, TOP AND BOTTOM , 1 OZ. INTERNAL
  6. FINISHED THICKNESS : .062 +/- .010
  7. MIN PLATING THICKNESS IN THROUGH HOLES: .001'
  8. BOARD FINISH:  
PLATE ALL EXPOSED AREAS WITH ELECTROLESS IMMERSION GOLD  
NICKEL 100 MICROINCHES THK GOLD 2-3 MICROINCHES THK MIN
  9. LPI SOLDERMASK BOTH SIDES USING APPROPRIATE LAYER ATRWORK: COLOR = GREEN
  10. LPI SILKSCREEN AS REQUIRED : COLOR - WHITE
  11. VENDOR INFORMATION TO BE INCORPORATED ON BACK SIDE WHENEVER POSSIBLE
  12. MINIMUM COPPER CONDUCTOR WIDTH IS 7 MILS  
MINIMUM CONDUCTOR SPACING IS: 7 MILS
  13. NUMBER OF FINISHED LAYERS: 4
  14. BOARD DIMENSIIONS: 3.4 x 3.049 inches

MECHANICAL TOLERANCES AND CHARACTERSTICS  
UNLESS OTHERWISE NOTED TOLEREANCES ARE:  
HOLES +/- 0.003 PTH STANDARD  
HOLES +/- 0.002 nPTH STANDARD  
MAXIMUM WRAP AND TWIST TO BE 0.005 INCH PER INCH

TA  
L2  
BA



FABRICATION CHART													
FINISHED THICKNESS	SILKSCREEN	SOLDERMASK	FINISHED COPPER WEIGHT										
			EXTERNAL	INTERNAL									
<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 4 <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 4 <input type="checkbox"/> NONE	<input type="checkbox"/> 1 OZ. <input checked="" type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____	<input checked="" type="checkbox"/> 1 OZ. <input type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____									
DESIGN	TRACE/GAP SPACING		LAYER COUNT										
<input type="checkbox"/> SMD <input type="checkbox"/> THRU-HOLE <input checked="" type="checkbox"/> MIX	<input type="checkbox"/> 0.010/0.010 <input checked="" type="checkbox"/> 0.007/0.007 <input type="checkbox"/> 0.006/0.006		<input type="checkbox"/> SINGLE SIDED <input checked="" type="checkbox"/> 4 LAYER <input type="checkbox"/> 8 LAYER <input type="checkbox"/> OTHER _____										
		<input type="checkbox"/> 2 LAYER <input type="checkbox"/> 6 LAYER <input type="checkbox"/> 10 LAYER											

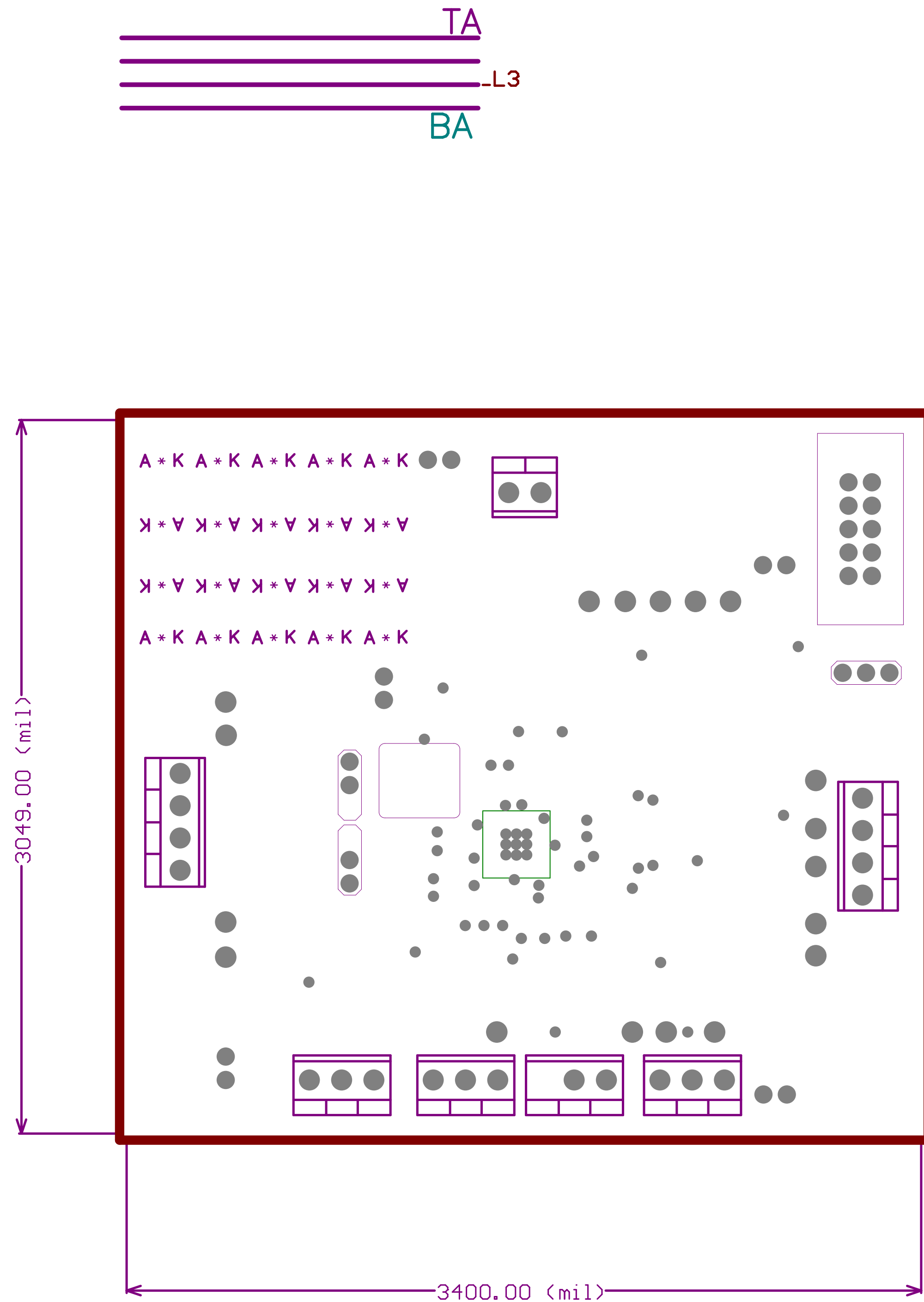
TEXAS INSTRUMENTS				Copper Layer Name		Silkscreen		S Mask		P Mask		Assembly		Fab Drawing	
Board No.		Rev.		Top	Internal	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot	
Radar EVM		1			L2								TA	BA	FB
Date:		Filename:		Engineer:		PCB Dsgnr:		Modified Date:				Time Stamp:			



Notes :

1. PWB TO BE MANUFACTURED TO MEET OR EXCEED IPC-6012, CLASS 2 STANDARDS AND WORKMANSHIP SHALL CONFORM TO IPC-A-600, CLASS 2 - CURRENT REVISIONS
2. BOARD MATERIAL AND CONSTRUCTION TO BE UL APPROVED AND MARKED ON THE FINISHED BOARD.
3. LAMINATE MATERIAL:  
BOARD MATERIAL SHALL BE 180 Tg/340 Td ISOLA FR - 370HR OR EQUIVALENT , RoHS COMPLIANT AND LEAD FREE ASSEMBLY CAPABLE. BOARD MATERIAL SHALL MEET OR EXCEED IPC-4101B
5. COPPER WEIGHT : 2oz FINISHED, TOP AND BOTTOM , 1 OZ. INTERNAL
6. FINISHED THICKNESS : .062 +/- .010
7. MIN PLATING THICKNESS IN THROUGH HOLES: .001'
8. BOARD FINISH:  
PLATE ALL EXPOSED AREAS WITH ELECTROLESS IMMERSION GOLD  
NICKEL 100 MICROINCHES THK GOLD 2-3 MICROINCHES THK MIN
9. LPI SOLDERMASK BOTH SIDES USING APPROPRIATE LAYER ATRWORK: COLOR = GREEN
10. LPI SILKSCREEN AS REQUIRED : COLOR - WHITE
11. VENDOR INFORMATION TO BE INCORPORATED ON BACK SIDE WHENEVER POSSIBLE
12. MINIMUM COPPER CONDUCTOR WIDTH IS 7 MILS  
MINIMUM CONDUCTOR SPACING IS: 7 MILS
13. NUMBER OF FINISHED LAYERS: 4
14. BOARD DIMENSIIONS: 3.4 x 3.049 inches

MECHANICAL TOLERANCES AND CHARACTERISTICS  
UNLESS OTHERWISE NOTED TOLERANCES ARE:  
HOLES +/- 0.003 PTH STANDARD  
HOLES +/- 0.002 NPTH STANDARD  
MAXIMUM WRAP AND TWIST TO BE 0.005 INCH PER INCH



## FABRICATION CHART

FINISHED THICKNESS	SILKSCREEN	SOLDERMASK	FINISHED COPPER WEIGHT	
			EXTERNAL	INTERNAL
<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 4 <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 4 <input type="checkbox"/> NONE	<input type="checkbox"/> 1 OZ. <input checked="" type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____	<input checked="" type="checkbox"/> 1 OZ. <input type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____
DESIGN	TRACE/GAP SPACING		LAYER COUNT	
<input type="checkbox"/> SMD <input type="checkbox"/> THRU-HOLE <input checked="" type="checkbox"/> MIX	<input type="checkbox"/> 0.010/0.010 <input checked="" type="checkbox"/> 0.007/0.007 <input type="checkbox"/> 0.006/0.006		<input type="checkbox"/> SINGLE SIDED <input type="checkbox"/> 2 LAYER <input checked="" type="checkbox"/> 4 LAYER <input type="checkbox"/> 6 LAYER <input type="checkbox"/> 8 LAYER <input type="checkbox"/> 10 LAYER <input type="checkbox"/> OTHER _____	

TEXAS INSTRUMENTS				Copper Layer Name		Silkscreen		S Mask		P Mask		Assembly		Fab Drawing	
Board No.		Rev.		Top	Internal	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot	
Radar EVM		1				L3							TA	BA	FB
Date:		Filename:		Engineer:		PCB Dsgnr:		Modified Date:						Time Stamp:	

- Notes :
1. PWB TO BE MANUFACTURED RoHS COMPLIANT
  2. PWB TO BE FABRICATED TO MEET OR EXCEED IPC-6012, CLASS 2 STANDARDS AND WORKMANSHIP SHALL CONFORM TO IPC-A-600, CLASS 2 - CURRENT REVISIONS
  3. BOARD MATERIAL AND CONSTRUCTION TO BE UL APPROVED AND MARKED ON THE FINISHED BOARD.
  4. LAMINATE MATERIAL:  
BOARD MATERIAL SHALL BE 180 Tg/340 Td ISOLA FR - 370HR OR EQUIVALENT , RoHS COMPLIANT AND LEAD FREE ASSEMBLY CAPABLE. BOARD MATERIAL SHALL MEET OR EXCEED IPC-4101B
  5. COPPER WEIGHT : 2oz FINISHED, TOP AND BOTTOM , 1 OZ. INTERNAL
  6. FINISHED THICKNESS : .062 +/- .010
  7. MIN PLATING THICKNESS IN THROUGH HOLES: .001'
  8. BOARD FINISH:  
PLATE ALL EXPOSED AREAS WITH ELECTROLESS IMMERSION GOLD  
NICKEL 100 MICROINCHES THK GOLD 2-3 MICROINCHES THK MIN
  9. LPI SOLDERMASK BOTH SIDES USING APPROPRIATE LAYER ATRWORK: COLOR = GREEN
  10. LPI SILKSCREEN AS REQUIRED : COLOR - WHITE
  11. VENDOR INFORMATION TO BE INCORPORATED ON BACK SIDE WHENEVER POSSIBLE
  12. MINIMUM COPPER CONDUCTOR WIDTH IS 7 MILS  
MINIMUM CONDUCTOR SPACING IS: 7 MILS
  13. NUMBER OF FINISHED LAYERS: 4
  14. BOARD DIMENSIIONS: 3.4 x 3.049 inches

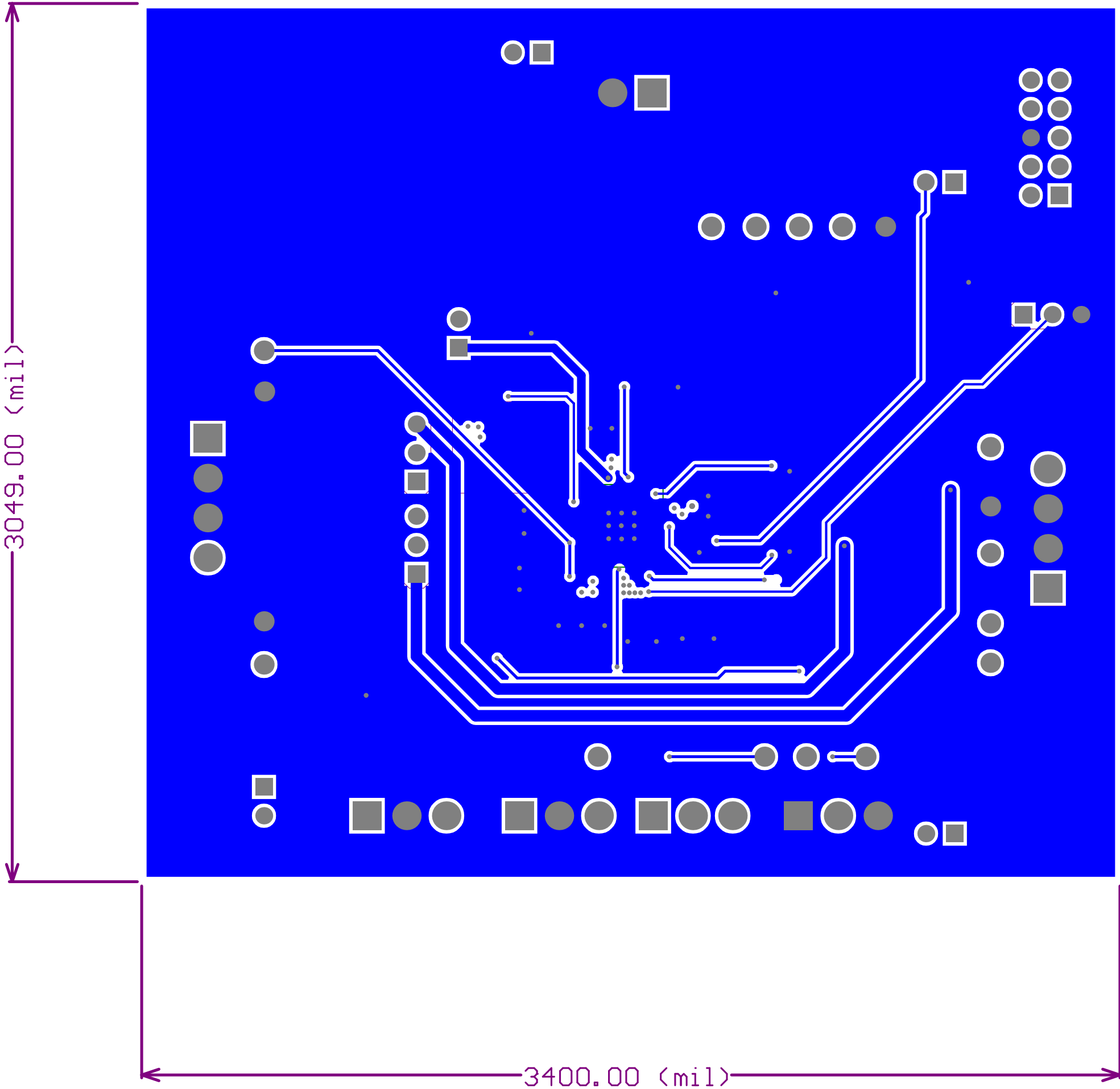
\_\_\_\_\_TA  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_L4  
\_\_\_\_\_BA

MECHANICAL TOLERANCES AND CHARACTERSTICS  
UNLESS OTHERWISE NOTED TOLEREANCES ARE:  
HOLES +/- 0.003 PTH STANDARD  
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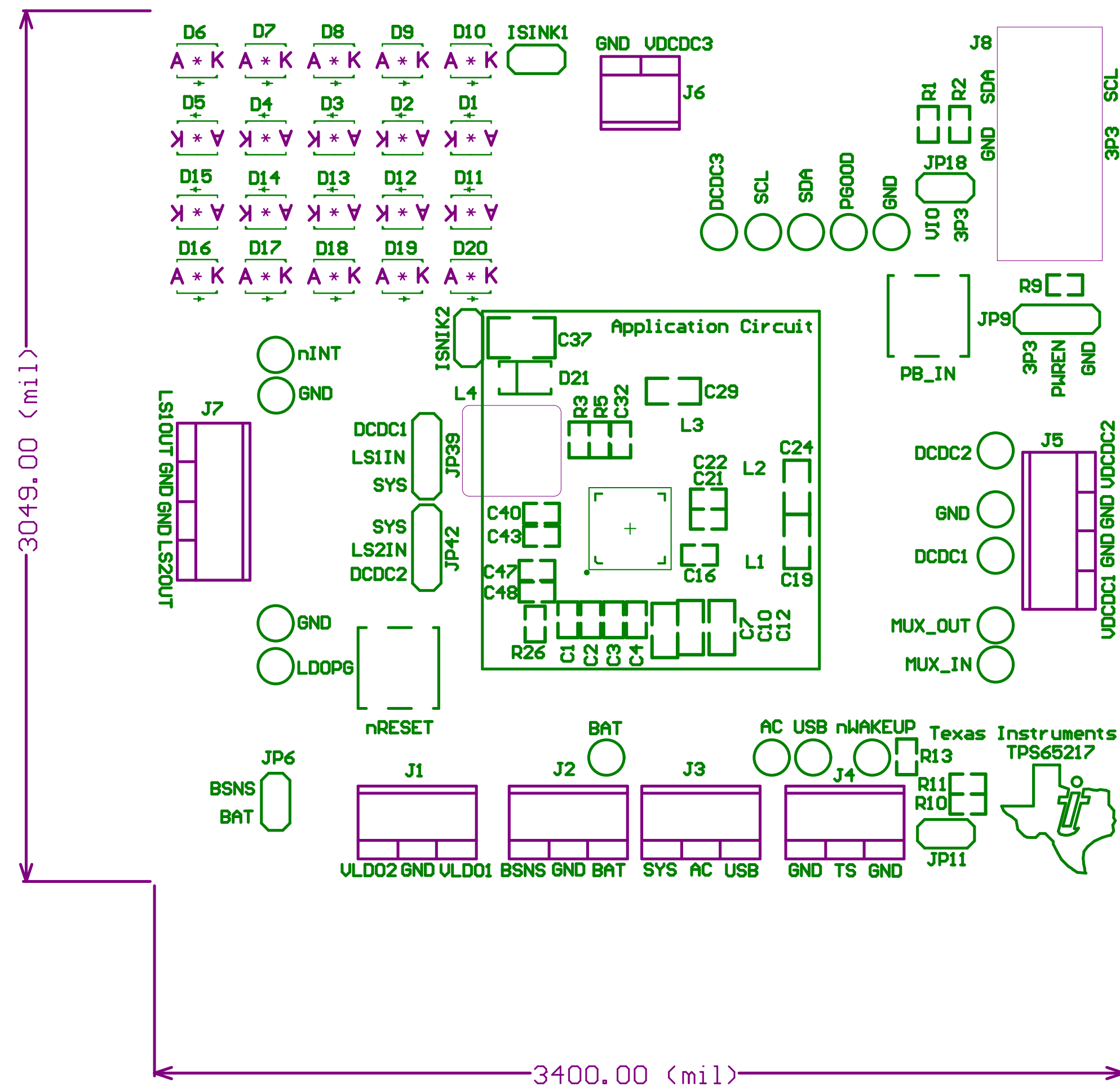
FABRICATION CHART

FINISHED THICKNESS	SILKSCREEN	SOLDERMASK	FINISHED COPPER WEIGHT	
			EXTERNAL	INTERNAL
<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 4 <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 4 <input type="checkbox"/> NONE	<input type="checkbox"/> 1 OZ. <input checked="" type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____	<input checked="" type="checkbox"/> 1 OZ. <input type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____
DESIGN	TRACE/GAP SPACING		LAYER COUNT	
<input type="checkbox"/> SMD <input type="checkbox"/> THRU-HOLE <input checked="" type="checkbox"/> MIX	<input type="checkbox"/> 0.010/0.010 <input checked="" type="checkbox"/> 0.007/0.007 <input type="checkbox"/> 0.006/0.006		<input type="checkbox"/> SINGLE SIDED <input checked="" type="checkbox"/> 4 LAYER <input type="checkbox"/> 8 LAYER <input type="checkbox"/> OTHER _____	<input type="checkbox"/> 2 LAYER <input type="checkbox"/> 6 LAYER <input type="checkbox"/> 10 LAYER

TEXAS INSTRUMENTS				Copper Layer Name			Silkscreen		S Mask		P Mask		Assembly		Fab Drawing
				Top	Internal	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot	
Board No. Radar EVM			Rev. 1				L4						TA	BA	FB
Date:	Filename:		Engineer:		PCB Dsgnr:			Modified Date:				Time Stamp:			



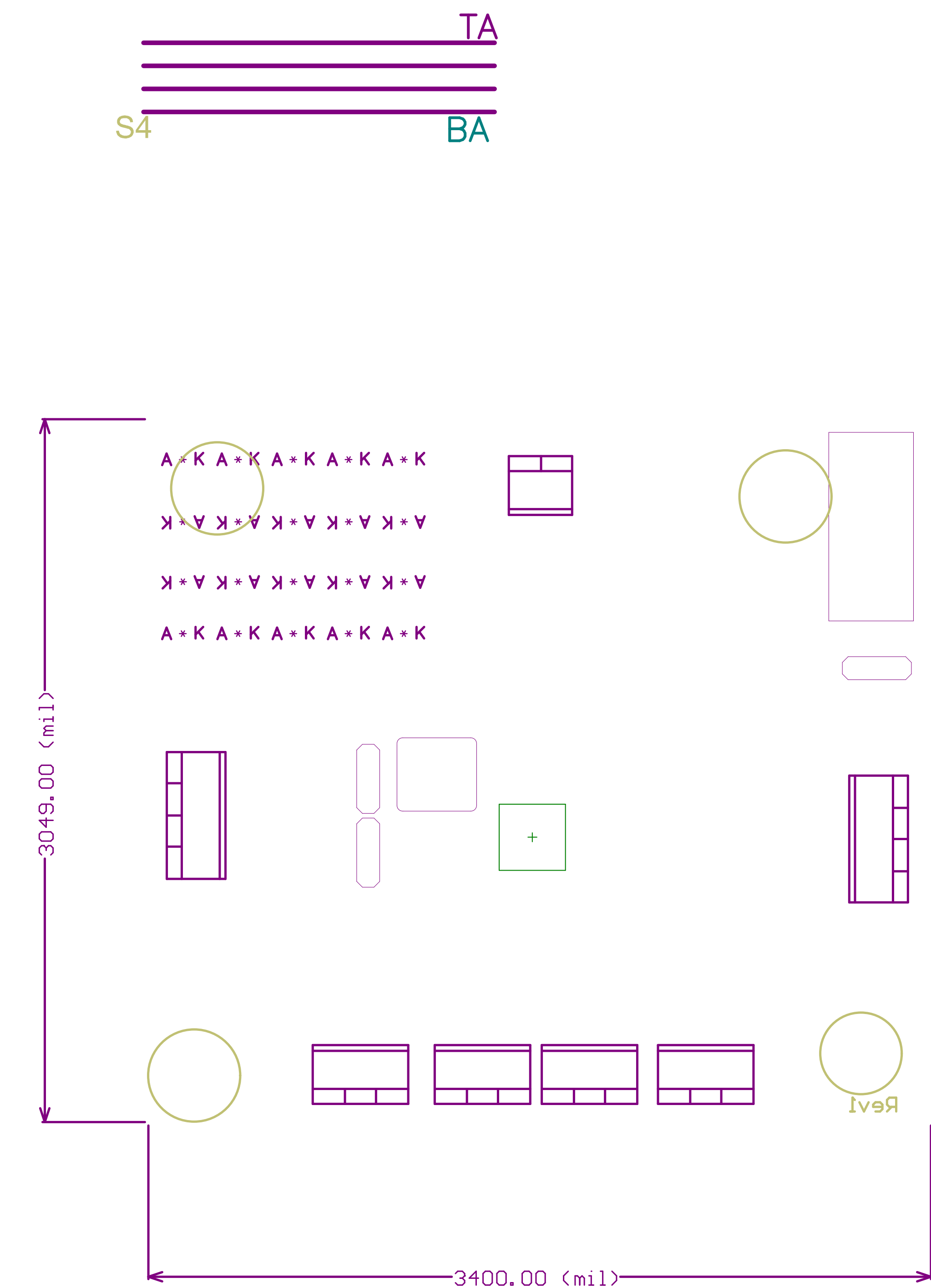
MECHANICAL TOLERANCES AND CHARACTERISTICS  
UNLESS OTHERWISE NOTED TOLERANCES ARE:  
HOLES +/- 0.003 PTH STANDARD  
HOLES +/- 0.002 NPTH STANDARD  
MAXIMUM WRAP AND TWIST TO BE 0.005 INCH PER INCH



FABRICATION CHART																																																														
FINISHED THICKNESS  <input type="checkbox"/> 0.031 <input checked="" type="checkbox"/> 0.062 <input type="checkbox"/> 0.093 <input type="checkbox"/> 0.125	SILKSCREEN  <input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 4 <input type="checkbox"/> NONE		SOLDERMASK  <input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 4 <input type="checkbox"/> NONE		FINISHED COPPER WEIGHT																																																									
					EXTERNAL  <input type="checkbox"/> 1 OZ. <input checked="" type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____ _____					INTERNAL  <input checked="" type="checkbox"/> 1 OZ. <input type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____ _____																																																				
DESIGN  <input type="checkbox"/> SMD <input type="checkbox"/> THRU-HOLE <input checked="" type="checkbox"/> MIX		TRACE/GAP SPACING  <input type="checkbox"/> 0.010/0.010 <input checked="" type="checkbox"/> 0.007/0.007 <input type="checkbox"/> 0.006/0.006			LAYER COUNT  <input type="checkbox"/> SINGLE SIDED <input checked="" type="checkbox"/> 4 LAYER <input type="checkbox"/> 8 LAYER <input type="checkbox"/> OTHER _____																																																									
<table><tr><td colspan="3">TEXAS INSTRUMENTS</td><td colspan="3">Copper Layer Name</td><td colspan="2">Silkscreen</td><td colspan="2">S Mask</td><td colspan="2">P Mask</td><td colspan="2">Assembly</td><td>Fab Drawing</td></tr><tr><td>Board No. Radar EVM</td><td>Rev. 1</td><td></td><td>Top</td><td>Internal</td><td>Bot</td><td>Top</td><td>Bot</td><td>Top</td><td>Bot</td><td>Top</td><td>Bot</td><td>Top</td><td>Bot</td><td>TA</td><td>BA</td><td>FB</td></tr><tr><td>Date:</td><td>Filename:</td><td>Engineer:</td><td colspan="2">PCB Dsgnr:</td><td colspan="4">Modified Date:</td><td colspan="7">Time Stamp:</td></tr></table>															TEXAS INSTRUMENTS			Copper Layer Name			Silkscreen		S Mask		P Mask		Assembly		Fab Drawing	Board No. Radar EVM	Rev. 1		Top	Internal	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot	TA	BA	FB	Date:	Filename:	Engineer:	PCB Dsgnr:		Modified Date:				Time Stamp:						
TEXAS INSTRUMENTS			Copper Layer Name			Silkscreen		S Mask		P Mask		Assembly		Fab Drawing																																																
Board No. Radar EVM	Rev. 1		Top	Internal	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot	TA	BA	FB																																														
Date:	Filename:	Engineer:	PCB Dsgnr:		Modified Date:				Time Stamp:																																																					



- Notes :
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  2. PWB TO BE FABRICATED TO MEET OR EXCEED IPC-6012, CLASS 2 STANDARDS AND WORKMANSHIP SHALL CONFORM TO IPC-A-600, CLASS 2 - CURRENT REVISIONS
  3. BOARD MATERIAL AND CONSTRUCTION TO BE UL APPROVED AND MARKED ON THE FINISHED BOARD.
  4. LAMINATE MATERIAL:  
BOARD MATERIAL SHALL BE 180 Tg/340 Td ISOLA FR - 370HR OR EQUIVALENT , RoHS COMPLIANT AND LEAD FREE ASSEMBLY CAPABLE. BOARD MATERIAL SHALL MEET OR EXCEED IPC-4101B
  5. COPPER WEIGHT : 2oz FINISHED, TOP AND BOTTOM , 1 OZ. INTERNAL
  6. FINISHED THICKNESS : .062 +/- .010
  7. MIN PLATING THICKNESS IN THROUGH HOLES: .001'
  8. BOARD FINISH:  
PLATE ALL EXPOSED AREAS WITH ELECTROLESS IMMERSION GOLD  
NICKEL 100 MICROINCHES THK GOLD 2-3 MICROINCHES THK MIN
  9. LPI SOLDERMASK BOTH SIDES USING APPROPRIATE LAYER ATRWORK: COLOR = GREEN
  10. LPI SILKSCREEN AS REQUIRED : COLOR - WHITE
  11. VENDOR INFORMATION TO BE INCORPORATED ON BACK SIDE WHENEVER POSSIBLE
  12. MINIMUM COPPER CONDUCTOR WIDTH IS 7 MILS  
MINIMUM CONDUCTOR SPACING IS: 7 MILS
  13. NUMBER OF FINISHED LAYERS: 4
  14. BOARD DIMENSIIONS: 3.4 x 3.049 inches



MECHANICAL TOLERANCES AND CHARACTERSTICS  
UNLESS OTHERWISE NOTED TOLEREANCES ARE:  
HOLES +/- 0.003 PTH STANDARD  
HOLES +/- 0.002 nPTH STANDARD  
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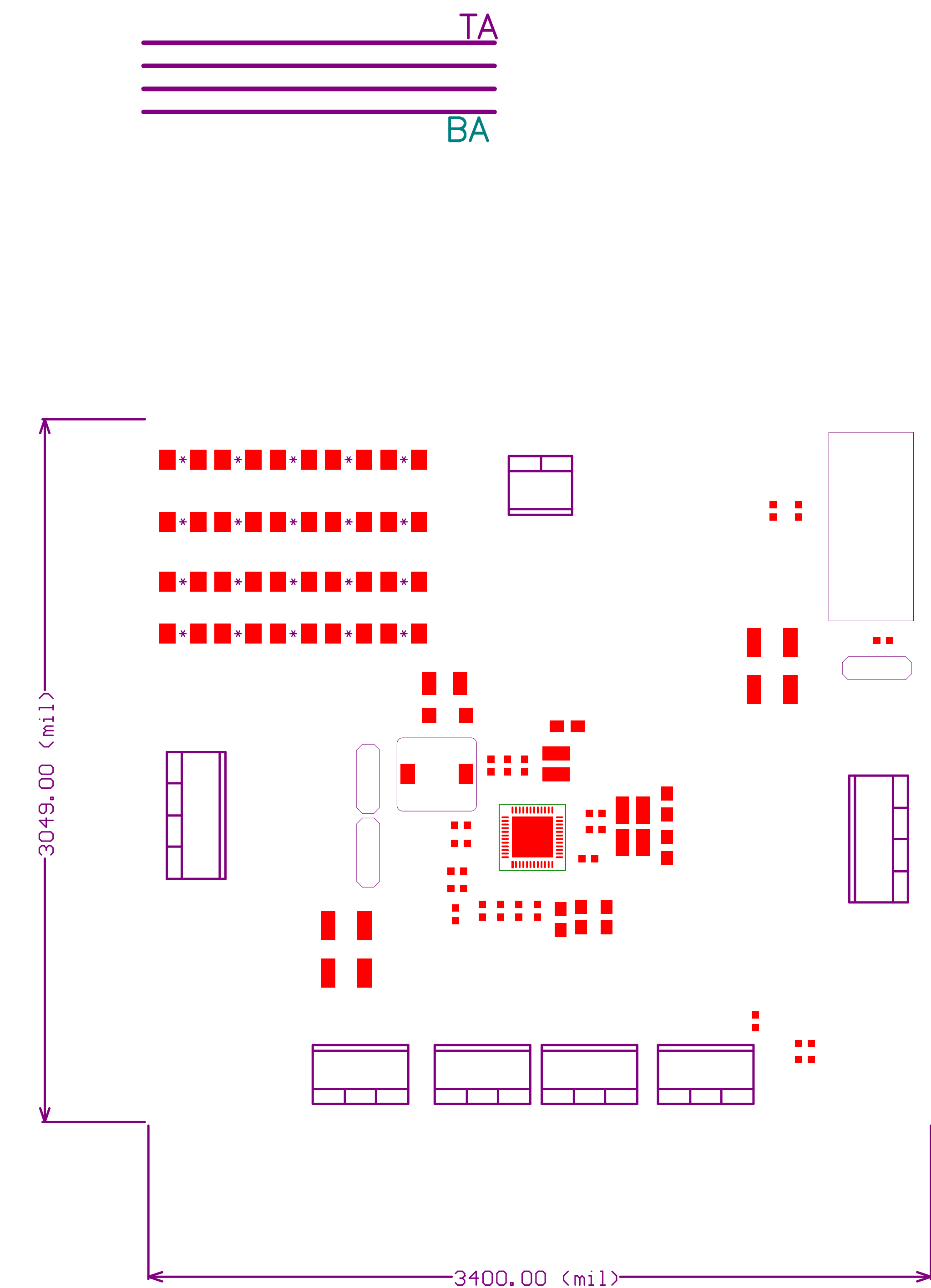
## FABRICATION CHART

FINISHED THICKNESS	SILKSCREEN	SOLDERMASK	FINISHED COPPER WEIGHT	
			EXTERNAL	INTERNAL
<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 4 <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 4 <input type="checkbox"/> NONE	<input type="checkbox"/> 1 OZ. <input checked="" type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____	<input checked="" type="checkbox"/> 1 OZ. <input type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____
DESIGN	TRACE/GAP SPACING		LAYER COUNT	
<input type="checkbox"/> SMD <input type="checkbox"/> THRU-HOLE <input checked="" type="checkbox"/> MIX	<input type="checkbox"/> 0.010/0.010 <input checked="" type="checkbox"/> 0.007/0.007 <input type="checkbox"/> 0.006/0.006		<input type="checkbox"/> SINGLE SIDED <input checked="" type="checkbox"/> 4 LAYER <input type="checkbox"/> 8 LAYER <input type="checkbox"/> OTHER _____	
				<input type="checkbox"/> 2 LAYER <input type="checkbox"/> 6 LAYER <input type="checkbox"/> 10 LAYER

TEXAS INSTRUMENTS				Copper Layer Name			Silkscreen		S Mask		P Mask		Assembly		Fab Drawing	
				Top	Internal	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot		
Board No. Radar EVM			Rev. 1						S4					TA	BA	FB
Date:		Filename:		Engineer:		PCB Dsgnr:		Modified Date:				Time Stamp:				

- Notes :
1. PWB TO BE MANUFACTURED RoHS COMPLIANT
  2. PWB TO BE FABRICATED TO MEET OR EXCEED IPC-6012, CLASS 2 STANDARDS AND WORKMANSHIP SHALL CONFORM TO IPC-A-600, CLASS 2 - CURRENT REVISIONS
  3. BOARD MATERIAL AND CONSTRUCTION TO BE UL APPROVED AND MARKED ON THE FINISHED BOARD.
  4. LAMINATE MATERIAL:  
BOARD MATERIAL SHALL BE 180 Tg/340 Td ISOLA FR - 370HR OR EQUIVALENT , RoHS COMPLIANT AND LEAD FREE ASSEMBLY CAPABLE. BOARD MATERIAL SHALL MEET OR EXCEED IPC-4101B
  5. COPPER WEIGHT : 2oz FINISHED, TOP AND BOTTOM , 1 OZ. INTERNAL
  6. FINISHED THICKNESS : .062 +/- .010
  7. MIN PLATING THICKNESS IN THROUGH HOLES: .001'
  8. BOARD FINISH:  
PLATE ALL EXPOSED AREAS WITH ELECTROLESS IMMERSION GOLD  
NICKEL 100 MICROINCHES THK GOLD 2-3 MICROINCHES THK MIN
  9. LPI SOLDERMASK BOTH SIDES USING APPROPRIATE LAYER ATRWORK: COLOR = GREEN
  10. LPI SILKSCREEN AS REQUIRED : COLOR - WHITE
  11. VENDOR INFORMATION TO BE INCORPORATED ON BACK SIDE WHENEVER POSSIBLE
  12. MINIMUM COPPER CONDUCTOR WIDTH IS 7 MILS  
MINIMUM CONDUCTOR SPACING IS: 7 MILS
  13. NUMBER OF FINISHED LAYERS: 4
  14. BOARD DIMENSIIONS: 3.4 x 3.049 inches

MECHANICAL TOLERANCES AND CHARACTERSTICS  
UNLESS OTHERWISE NOTED TOLEREANCES ARE:  
HOLES +/- 0.003 PTH STANDARD  
HOLES +/- 0.002 nPTH STANDARD  
MAXIMUM WRAP AND TWIST TO BE 0.005 INCH PER INCH



FABRICATION CHART

FINISHED THICKNESS <div><input type="checkbox"/> 0.031 <input checked="" type="checkbox"/> 0.062 <input type="checkbox"/> 0.093 <input type="checkbox"/> 0.125</div>	SILKSCREEN <div><input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 4 <input type="checkbox"/> NONE</div>	SOLDERMASK <div><input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 4 <input type="checkbox"/> NONE</div>	FINISHED COPPER WEIGHT		
			EXTERNAL <div><input type="checkbox"/> 1 OZ. <input checked="" type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____</div>	INTERNAL <div><input checked="" type="checkbox"/> 1 OZ. <input type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____</div>	
DESIGN <div><input type="checkbox"/> SMD <input type="checkbox"/> THRU-HOLE <input checked="" type="checkbox"/> MIX</div>	TRACE/GAP SPACING <div><input type="checkbox"/> 0.010/0.010 <input checked="" type="checkbox"/> 0.007/0.007 <input type="checkbox"/> 0.006/0.006</div>	LAYER COUNT <div><div><input type="checkbox"/> SINGLE SIDED <input checked="" type="checkbox"/> 4 LAYER <input type="checkbox"/> 8 LAYER <input type="checkbox"/> OTHER _____</div><div><input type="checkbox"/> 2 LAYER <input type="checkbox"/> 6 LAYER <input type="checkbox"/> 10 LAYER</div></div>			

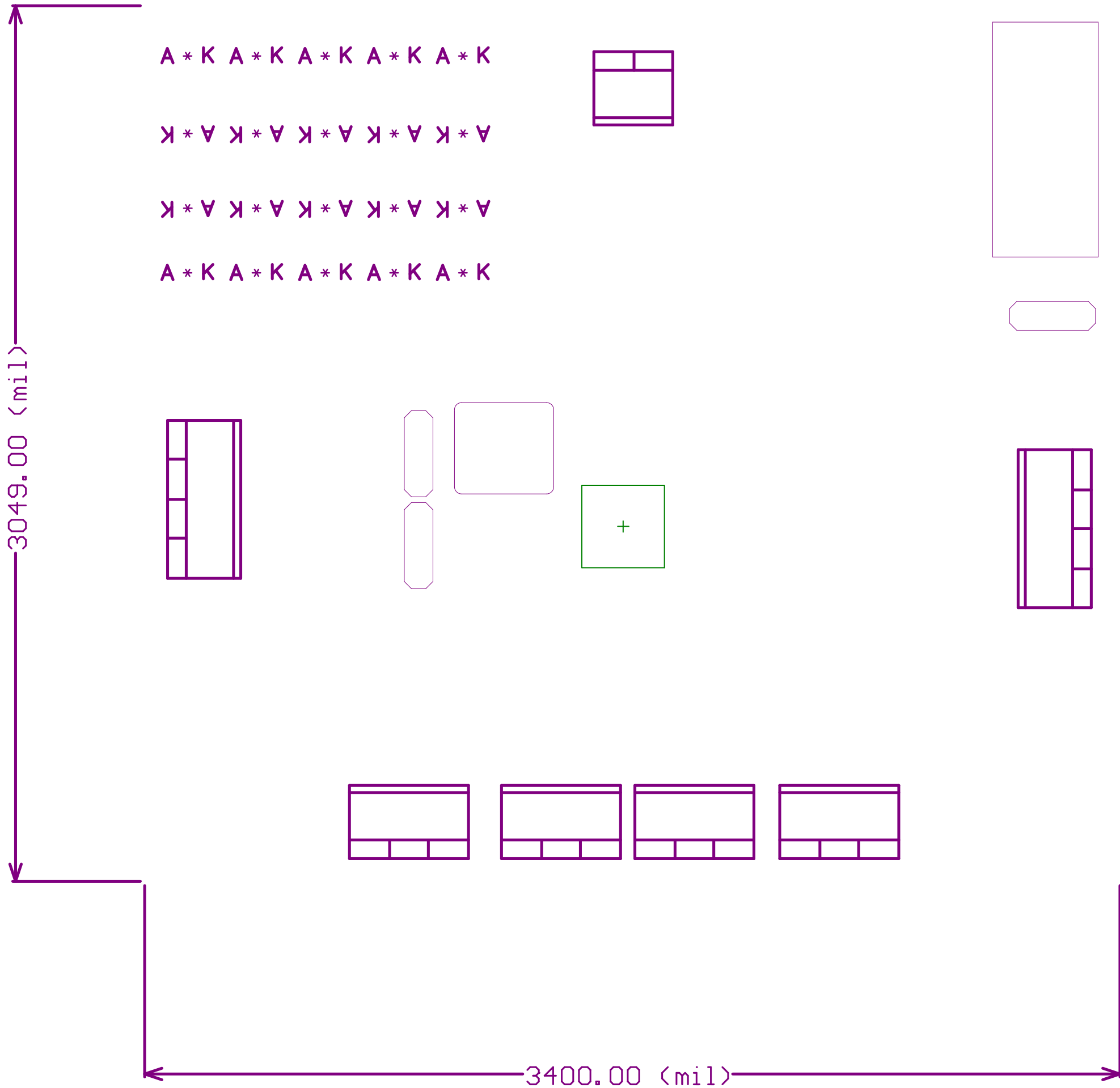
TEXAS INSTRUMENTS				Copper Layer Name		Silkscreen		S Mask		P Mask		Assembly		Fab Drawing	
Board No. Radar EVM		Rev. 1		Top	Internal	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot	
											P1		TA	BA	FB
Date:		Filename:		Engineer:		PCB Dsgnr:		Modified Date:				Time Stamp:			



- Notes :
1. PWB TO BE MANUFACTURED RoHS COMPLIANT
  2. PWB TO BE FABRICATED TO MEET OR EXCEED IPC-6012, CLASS 2 STANDARDS AND WORKMANSHIP SHALL CONFORM TO IPC-A-600, CLASS 2 - CURRENT REVISIONS
  3. BOARD MATERIAL AND CONSTRUCTION TO BE UL APPROVED AND MARKED ON THE FINISHED BOARD.
  4. LAMINATE MATERIAL:  
BOARD MATERIAL SHALL BE 180 Tg/340 Td ISOLA FR - 370HR OR EQUIVALENT , RoHS COMPLIANT AND LEAD FREE ASSEMBLY CAPABLE. BOARD MATERIAL SHALL MEET OR EXCEED IPC-4101B
  5. COPPER WEIGHT : 2oz FINISHED, TOP AND BOTTOM , 1 OZ. INTERNAL
  6. FINISHED THICKNESS : .062 +/- .010
  7. MIN PLATING THICKNESS IN THROUGH HOLES: .001'
  8. BOARD FINISH:  
PLATE ALL EXPOSED AREAS WITH ELECTROLESS IMMERSION GOLD  
NICKEL 100 MICROINCHES THK GOLD 2-3 MICROINCHES THK MIN
  9. LPI SOLDERMASK BOTH SIDES USING APPROPRIATE LAYER ATRWORK: COLOR = GREEN
  10. LPI SILKSCREEN AS REQUIRED : COLOR - WHITE
  11. VENDOR INFORMATION TO BE INCORPORATED ON BACK SIDE WHENEVER POSSIBLE
  12. MINIMUM COPPER CONDUCTOR WIDTH IS 7 MILS  
MINIMUM CONDUCTOR SPACING IS: 7 MILS
  13. NUMBER OF FINISHED LAYERS: 4
  14. BOARD DIMENSIIONS: 3.4 x 3.049 inches

MECHANICAL TOLERANCES AND CHARACTERSTICS  
UNLESS OTHERWISE NOTED TOLEREANCES ARE:  
HOLES +/- 0.003 PTH STANDARD  
HOLES +/- 0.002 nPTH STANDARD  
MAXIMUM WRAP AND TWIST TO BE 0.005 INCH PER INCH

TA  
BA

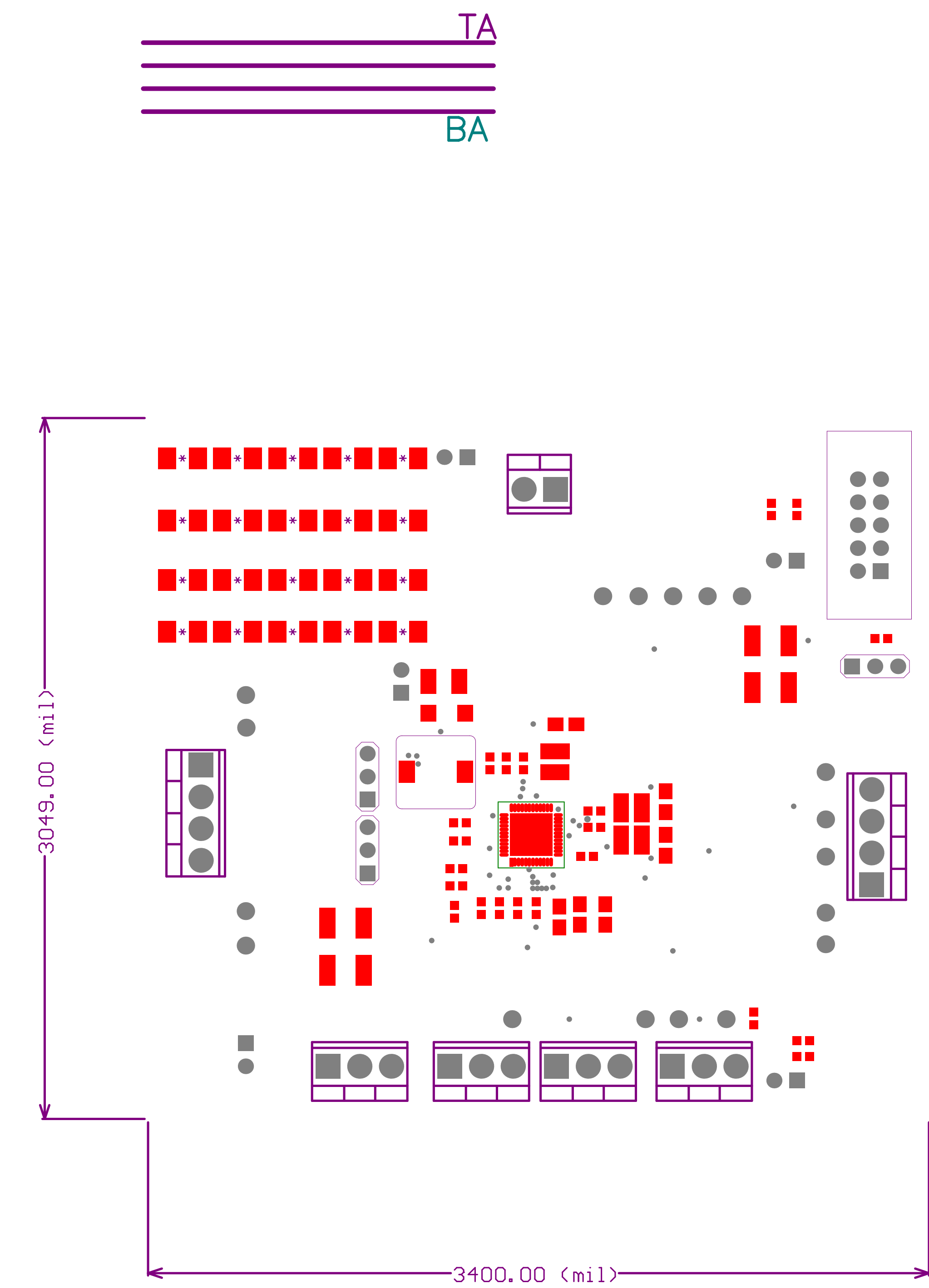


FABRICATION CHART													
FINISHED THICKNESS	SILKSCREEN	SOLDERMASK	FINISHED COPPER WEIGHT										
			EXTERNAL	INTERNAL									
<input type="checkbox"/> 0.031 <input checked="" type="checkbox"/> 0.062 <input type="checkbox"/> 0.093 <input type="checkbox"/> 0.125	<input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 4 <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 4 <input type="checkbox"/> NONE	<input type="checkbox"/> 1 OZ. <input checked="" type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____	<input checked="" type="checkbox"/> 1 OZ. <input type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____									
DESIGN	TRACE/GAP SPACING		LAYER COUNT										
<input type="checkbox"/> SMD <input type="checkbox"/> THRU-HOLE <input checked="" type="checkbox"/> MIX	<input type="checkbox"/> 0.010/0.010 <input checked="" type="checkbox"/> 0.007/0.007 <input type="checkbox"/> 0.006/0.006		<input type="checkbox"/> SINGLE SIDED <input checked="" type="checkbox"/> 4 LAYER <input type="checkbox"/> 8 LAYER <input type="checkbox"/> OTHER _____ <input type="checkbox"/> 2 LAYER <input type="checkbox"/> 6 LAYER <input type="checkbox"/> 10 LAYER										

TEXAS INSTRUMENTS			Copper Layer Name			Silkscreen		S Mask		P Mask		Assembly		Fab Drawing
Board No.	Rev.	Top	Internal	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot		
Radars EVM	1										P4	TA	BA	FB
Date:	Filename:	Engineer:	PCB Dsgnr:	Modified Date:						Time Stamp:				

- Notes :
1. PWB TO BE MANUFACTURED RoHS COMPLIANT
  2. PWB TO BE FABRICATED TO MEET OR EXCEED IPC-6012, CLASS 2 STANDARDS AND WORKMANSHIP SHALL CONFORM TO IPC-A-600, CLASS 2 - CURRENT REVISIONS
  3. BOARD MATERIAL AND CONSTRUCTION TO BE UL APPROVED AND MARKED ON THE FINISHED BOARD.
  4. LAMINATE MATERIAL:  
BOARD MATERIAL SHALL BE 180 Tg/340 Td ISOLA FR - 370HR OR EQUIVALENT , RoHS COMPLIANT AND LEAD FREE ASSEMBLY CAPABLE. BOARD MATERIAL SHALL MEET OR EXCEED IPC-4101B
  5. COPPER WEIGHT : 2oz FINISHED, TOP AND BOTTOM , 1 OZ. INTERNAL
  6. FINISHED THICKNESS : .062 +/- .010
  7. MIN PLATING THICKNESS IN THROUGH HOLES: .001'
  8. BOARD FINISH:  
PLATE ALL EXPOSED AREAS WITH ELECTROLESS IMMERSION GOLD  
NICKEL 100 MICROINCHES THK GOLD 2-3 MICROINCHES THK MIN
  9. LPI SOLDERMASK BOTH SIDES USING APPROPRIATE LAYER ATRWORK: COLOR = GREEN
  10. LPI SILKSCREEN AS REQUIRED : COLOR - WHITE
  11. VENDOR INFORMATION TO BE INCORPORATED ON BACK SIDE WHENEVER POSSIBLE
  12. MINIMUN COPPER COMDUCTOR WIDTH IS 7 MILS  
MINIMUN COMDUCTOR SPACING IS: 7 MILS
  13. NUMBER OF FINISHED LAYERS: 4
  14. BOARD DIMENSIIONS: 3.4 x 3.049 inches

MECHANICAL TOLERANCES AND CHARACTERSTICS  
UNLESS OTHERWISE NOTED TOLEREANCES ARE:  
HOLES +/- 0.003 PTH STANDARD  
HOLES +/- 0.002 nPTH STANDARD  
MAXIMUM WRAP AND TWIST TO BE 0.005 INCH PER INCH



FABRICATION CHART

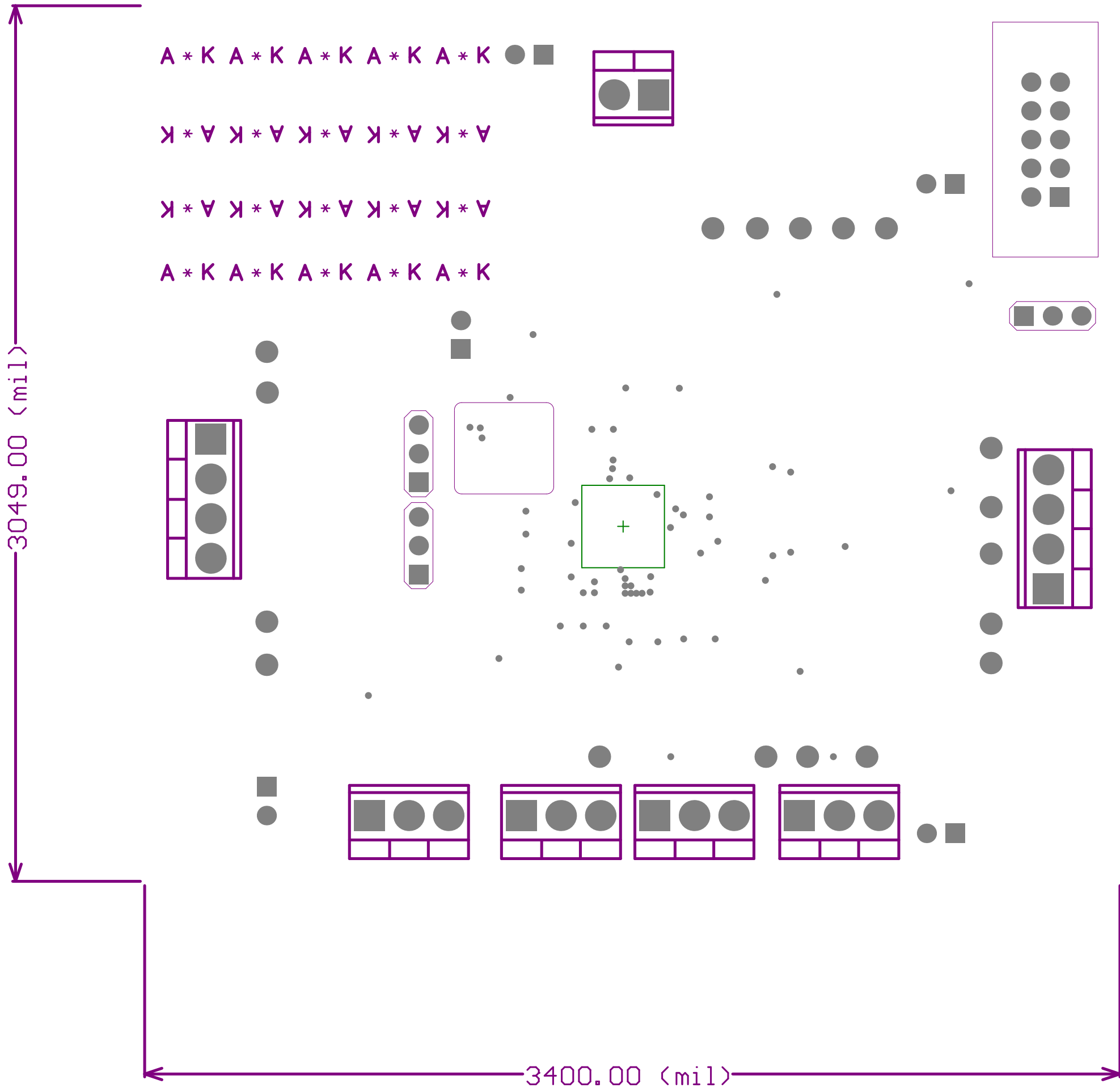
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			EXTERNAL	INTERNAL
<input type="checkbox"/> 0.031 <input checked="" type="checkbox"/> 0.062 <input type="checkbox"/> 0.093 <input type="checkbox"/> 0.125	<input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 4 <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 4 <input type="checkbox"/> NONE	<input type="checkbox"/> 1 OZ. <input checked="" type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____	<input checked="" type="checkbox"/> 1 OZ. <input type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____
DESIGN	TRACE/GAP SPACING	LAYER COUNT		
<input type="checkbox"/> SMD <input type="checkbox"/> THRU-HOLE <input checked="" type="checkbox"/> MIX	<input type="checkbox"/> 0.010/0.010 <input checked="" type="checkbox"/> 0.007/0.007 <input type="checkbox"/> 0.006/0.006	<input type="checkbox"/> SINGLE SIDED <input checked="" type="checkbox"/> 4 LAYER <input type="checkbox"/> 8 LAYER <input type="checkbox"/> OTHER _____		
		<input type="checkbox"/> 2 LAYER <input type="checkbox"/> 6 LAYER <input type="checkbox"/> 10 LAYER		

TEXAS INSTRUMENTS			Copper Layer Name		Silkscreen		S Mask		P Mask		Assembly		Fab Drawing
Board No.	Rev.	Top	Internal	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot	
Radar EVM	1						M1				TA	BA	FB
Date:	Filename:	Engineer:	PCB Dsgnr:	Modified Date:				Time Stamp:					

- Notes :
1. PWB TO BE MANUFACTURED RoHS COMPLIANT
  2. PWB TO BE FABRICATED TO MEET OR EXCEED IPC-6012, CLASS 2 STANDARDS AND WORKMANSHIP SHALL CONFORM TO IPC-A-600, CLASS 2 - CURRENT REVISIONS
  3. BOARD MATERIAL AND CONSTRUCTION TO BE UL APPROVED AND MARKED ON THE FINISHED BOARD.
  4. LAMINATE MATERIAL:  
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  6. FINISHED THICKNESS : .062 +/- .010
  7. MIN PLATING THICKNESS IN THROUGH HOLES: .001'
  8. BOARD FINISH:  
PLATE ALL EXPOSED AREAS WITH ELECTROLESS IMMERSION GOLD  
NICKEL 100 MICROINCHES THK GOLD 2-3 MICROINCHES THK MIN
  9. LPI SOLDERMASK BOTH SIDES USING APPROPRIATE LAYER ATRWORK: COLOR = GREEN
  10. LPI SILKSCREEN AS REQUIRED : COLOR - WHITE
  11. VENDOR INFORMATION TO BE INCORPORATED ON BACK SIDE WHENEVER POSSIBLE
  12. MINIMUM COPPER CONDUCTOR WIDTH IS 7 MILS  
MINIMUM CONDUCTOR SPACING IS: 7 MILS
  13. NUMBER OF FINISHED LAYERS: 4
  14. BOARD DIMENSIIONS: 3.4 x 3.049 inches

MECHANICAL TOLERANCES AND CHARACTERSTICS  
UNLESS OTHERWISE NOTED TOLEREANCES ARE:  
HOLES +/- 0.003 PTH STANDARD  
HOLES +/- 0.002 nPTH STANDARD  
MAXIMUM WRAP AND TWIST TO BE 0.005 INCH PER INCH

TA  
BA



FABRICATION CHART

FINISHED THICKNESS	SILKSCREEN	SOLDERMASK	FINISHED COPPER WEIGHT	
			EXTERNAL	INTERNAL
<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 4 <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 4 <input type="checkbox"/> NONE	<input type="checkbox"/> 1 OZ. <input checked="" type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____	<input checked="" type="checkbox"/> 1 OZ. <input type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____
DESIGN	TRACE/GAP SPACING	LAYER COUNT		
<input type="checkbox"/> SMD <input type="checkbox"/> THRU-HOLE <input checked="" type="checkbox"/> MIX	<input type="checkbox"/> 0.010/0.010 <input checked="" type="checkbox"/> 0.007/0.007 <input type="checkbox"/> 0.006/0.006	<input type="checkbox"/> SINGLE SIDED <input checked="" type="checkbox"/> 4 LAYER <input type="checkbox"/> 8 LAYER <input type="checkbox"/> OTHER _____		
		<input type="checkbox"/> 2 LAYER <input type="checkbox"/> 6 LAYER <input type="checkbox"/> 10 LAYER		

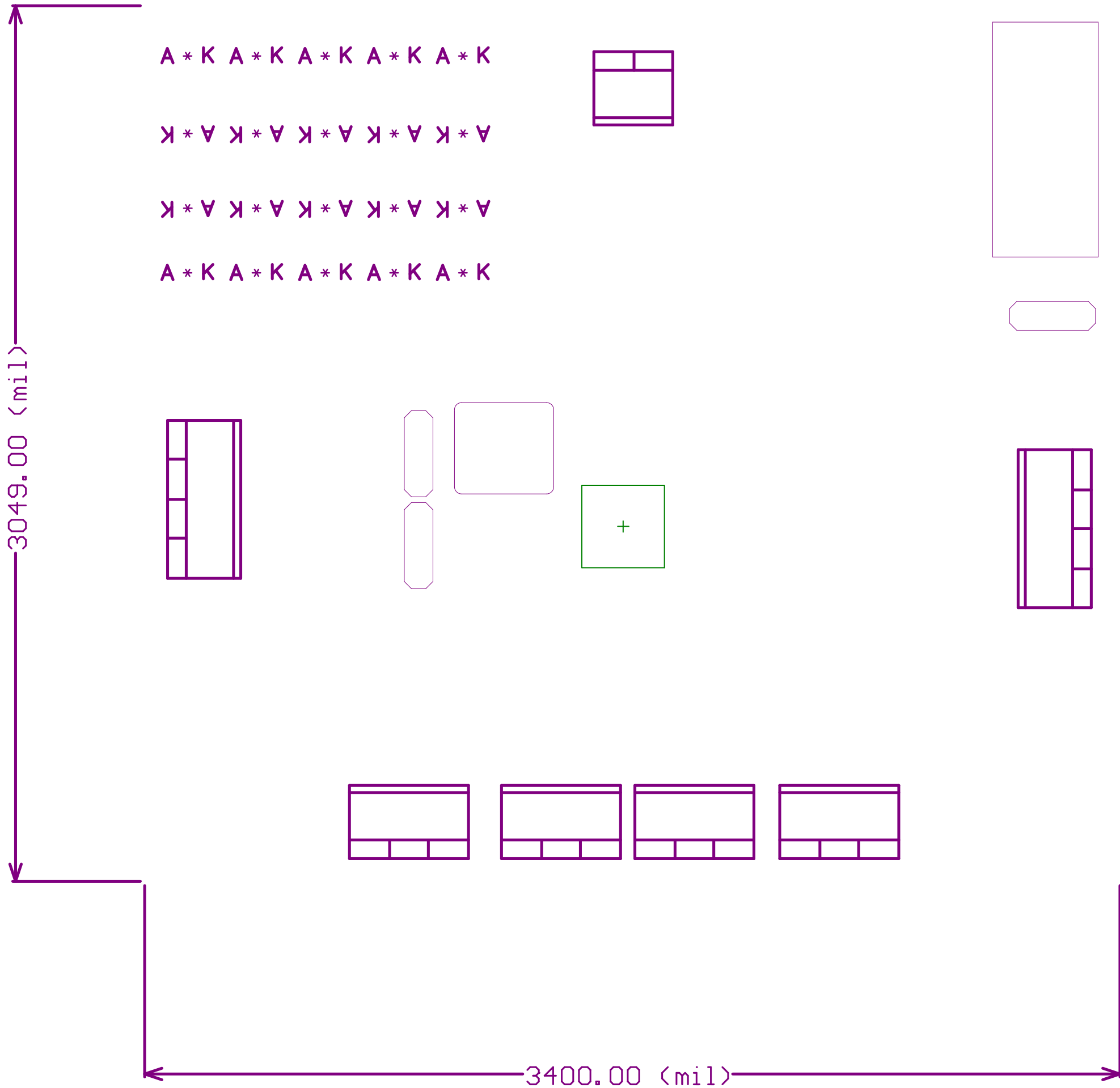
TEXAS INSTRUMENTS				Copper Layer Name		Silkscreen		S Mask		P Mask		Assembly		Fab Drawing		
				Top	Internal	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot		
Board No. Radar EVM				Rev. 1							M4			TA	BA	FB
Date:		Filename:		Engineer:		PCB Dsgnr:		Modified Date:				Time Stamp:				



- Notes :
1. PWB TO BE MANUFACTURED RoHS COMPLIANT
  2. PWB TO BE FABRICATED TO MEET OR EXCEED IPC-6012, CLASS 2 STANDARDS AND WORKMANSHIP SHALL CONFORM TO IPC-A-600, CLASS 2 - CURRENT REVISIONS
  3. BOARD MATERIAL AND CONSTRUCTION TO BE UL APPROVED AND MARKED ON THE FINISHED BOARD.
  4. LAMINATE MATERIAL:  
BOARD MATERIAL SHALL BE 180 Tg/340 Td ISOLA FR - 370HR OR EQUIVALENT , RoHS COMPLIANT AND LEAD FREE ASSEMBLY CAPABLE. BOARD MATERIAL SHALL MEET OR EXCEED IPC-4101B
  5. COPPER WEIGHT : 2oz FINISHED, TOP AND BOTTOM , 1 OZ. INTERNAL
  6. FINISHED THICKNESS : .062 +/- .010
  7. MIN PLATING THICKNESS IN THROUGH HOLES: .001'
  8. BOARD FINISH:  
PLATE ALL EXPOSED AREAS WITH ELECTROLESS IMMERSION GOLD  
NICKEL 100 MICROINCHES THK GOLD 2-3 MICROINCHES THK MIN
  9. LPI SOLDERMASK BOTH SIDES USING APPROPRIATE LAYER ATRWORK: COLOR = GREEN
  10. LPI SILKSCREEN AS REQUIRED : COLOR - WHITE
  11. VENDOR INFORMATION TO BE INCORPORATED ON BACK SIDE WHENEVER POSSIBLE
  12. MINIMUM COPPER CONDUCTOR WIDTH IS 7 MILS  
MINIMUM CONDUCTOR SPACING IS: 7 MILS
  13. NUMBER OF FINISHED LAYERS: 4
  14. BOARD DIMENSIIONS: 3.4 x 3.049 inches

MECHANICAL TOLERANCES AND CHARACTERSTICS  
UNLESS OTHERWISE NOTED TOLEREANCES ARE:  
HOLES +/- 0.003 PTH STANDARD  
HOLES +/- 0.002 nPTH STANDARD  
MAXIMUM WRAP AND TWIST TO BE 0.005 INCH PER INCH

TA  
BA



FABRICATION CHART													
FINISHED THICKNESS	SILKSCREEN	SOLDERMASK	FINISHED COPPER WEIGHT										
			EXTERNAL	INTERNAL									
<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 4 <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 4 <input type="checkbox"/> NONE	<input type="checkbox"/> 1 OZ. <input checked="" type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____	<input checked="" type="checkbox"/> 1 OZ. <input type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____									
DESIGN	TRACE/GAP SPACING		LAYER COUNT										
<input type="checkbox"/> SMD <input type="checkbox"/> THRU-HOLE <input checked="" type="checkbox"/> MIX	<input type="checkbox"/> 0.010/0.010 <input checked="" type="checkbox"/> 0.007/0.007 <input type="checkbox"/> 0.006/0.006		<input type="checkbox"/> SINGLE SIDED <input checked="" type="checkbox"/> 4 LAYER <input type="checkbox"/> 8 LAYER <input type="checkbox"/> OTHER _____ <input type="checkbox"/> 2 LAYER <input type="checkbox"/> 6 LAYER <input type="checkbox"/> 10 LAYER										

TEXAS INSTRUMENTS			Copper Layer Name			Silkscreen		S Mask		P Mask		Assembly		Fab Drawing
Board No.	Rev.		Top	Internal	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot	
Radars EVM	1											TA	BA	FB
Date:	Filename:	Engineer:	PCB Dsgnr:		Modified Date:				Time Stamp:					

TA

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FINISHED THICKNESS		SILKSCREEN	SOLDERMASK	FINISHED COPPER WEIGHT	
				EXTERNAL	INTERNAL
<input type="checkbox"/> 0.031	<input checked="" type="checkbox"/> 0.062	<input checked="" type="checkbox"/> LAYER 1	<input checked="" type="checkbox"/> LAYER 1	<input type="checkbox"/> 1 OZ.	<input checked="" type="checkbox"/> 1 OZ.
<input checked="" type="checkbox"/> 0.093	<input checked="" type="checkbox"/> 0.125	<input checked="" type="checkbox"/> LAYER 4	<input checked="" type="checkbox"/> LAYER 4	<input checked="" type="checkbox"/> 2 OZ.	<input type="checkbox"/> 2 OZ.
<input type="checkbox"/> 0.031	<input type="checkbox"/> 0.062	<input type="checkbox"/> NONE	<input type="checkbox"/> NONE	<input type="checkbox"/> OTHER _____	<input type="checkbox"/> OTHER _____
DESIGN		TRACE/GAP SPACING		LAYER COUNT	
<input type="checkbox"/> SMD	<input type="checkbox"/> THRU-HOLE	<input type="checkbox"/> 0.010/0.010	<input checked="" type="checkbox"/> 0.007/0.007	<input type="checkbox"/> SINGLE SIDED	<input type="checkbox"/> 2 LAYER
<input checked="" type="checkbox"/> MIX		<input type="checkbox"/> 0.006/0.006		<input checked="" type="checkbox"/> 4 LAYER	<input type="checkbox"/> 6 LAYER
				<input type="checkbox"/> 8 LAYER	<input type="checkbox"/> 10 LAYER
				<input type="checkbox"/> OTHER _____	

TEXAS INSTRUMENTS				Copper Layer Name		Silkscreen		S Mask		P Mask		Assembly		Fab Drawing	
Board No. Radar EVM		Rev. 1		Top	Internal	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot	
													TA	BA	FB
Date:		Filename:		Engineer:		PCB Dsgnr:		Modified Date:						Time Stamp:	

TA

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FINISHED THICKNESS		SILKSCREEN	SOLDERMASK	FINISHED COPPER WEIGHT	
				EXTERNAL	INTERNAL
<input type="checkbox"/> 0.031	<input checked="" type="checkbox"/> 0.062	<input checked="" type="checkbox"/> LAYER 1	<input checked="" type="checkbox"/> LAYER 1	<input type="checkbox"/> 1 OZ.	<input checked="" type="checkbox"/> 1 OZ.
<input checked="" type="checkbox"/> 0.093	<input checked="" type="checkbox"/> 0.125	<input checked="" type="checkbox"/> LAYER 4	<input checked="" type="checkbox"/> LAYER 4	<input checked="" type="checkbox"/> 2 OZ.	<input type="checkbox"/> 2 OZ.
<input type="checkbox"/> 0.031	<input type="checkbox"/> 0.062	<input type="checkbox"/> NONE	<input type="checkbox"/> NONE	<input type="checkbox"/> OTHER _____	<input type="checkbox"/> OTHER _____
DESIGN		TRACE/GAP SPACING		LAYER COUNT	
<input type="checkbox"/> SMD	<input type="checkbox"/> THRU-HOLE	<input type="checkbox"/> 0.010/0.010	<input checked="" type="checkbox"/> 0.007/0.007	<input type="checkbox"/> SINGLE SIDED	<input type="checkbox"/> 2 LAYER
<input checked="" type="checkbox"/> MIX		<input type="checkbox"/> 0.006/0.006		<input checked="" type="checkbox"/> 4 LAYER	<input type="checkbox"/> 6 LAYER
				<input type="checkbox"/> 8 LAYER	<input type="checkbox"/> 10 LAYER
				<input type="checkbox"/> OTHER _____	

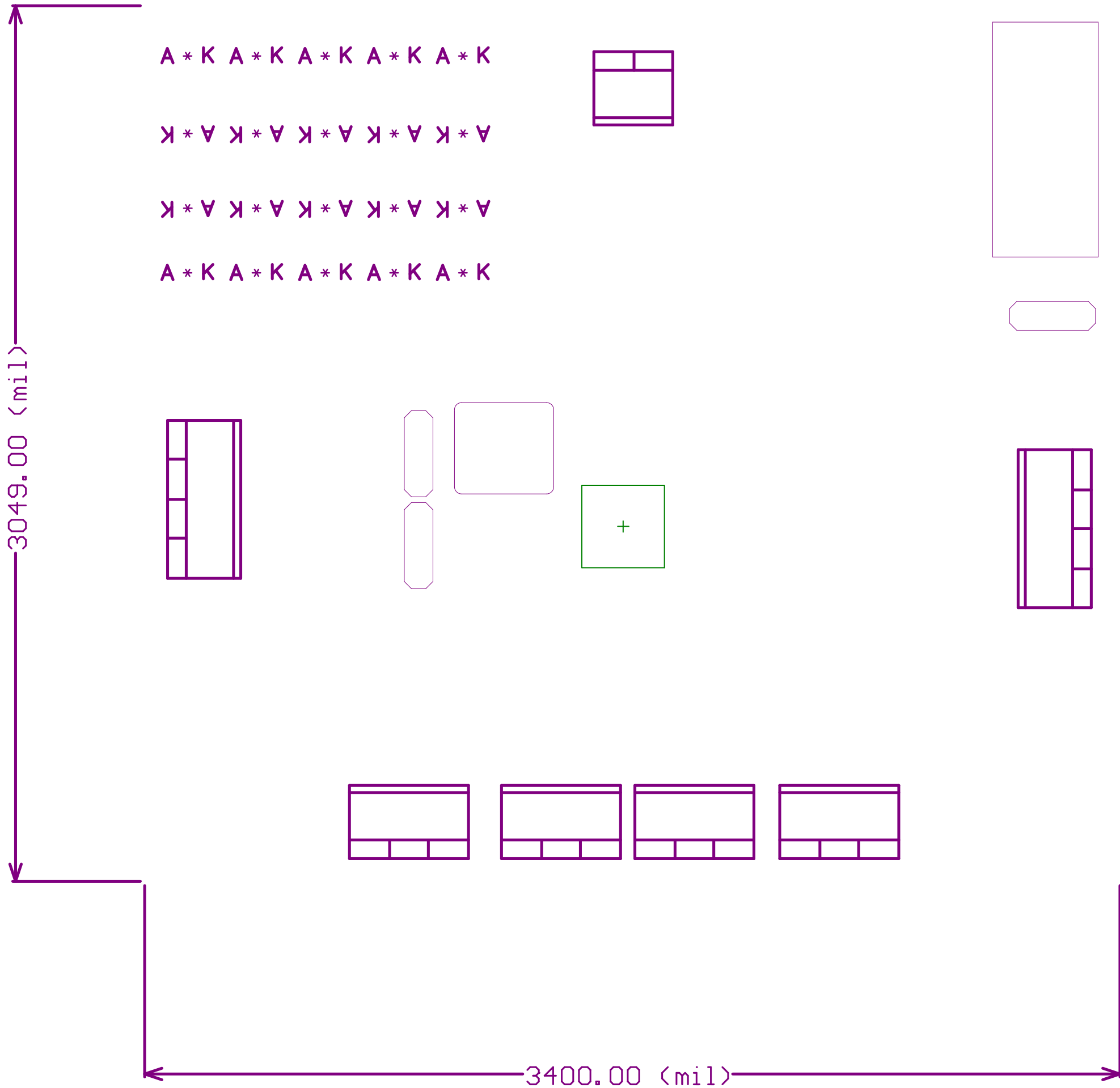
TEXAS INSTRUMENTS				Copper Layer Name		Silkscreen		S Mask		P Mask		Assembly		Fab Drawing	
Board No. Radar EVM		Rev. 1		Top	Internal	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot	
													TA	BA	FB
Date:		Filename:		Engineer:		PCB Dsgnr:		Modified Date:						Time Stamp:	



- Notes :
1. PWB TO BE MANUFACTURED RoHS COMPLIANT
  2. PWB TO BE FABRICATED TO MEET OR EXCEED IPC-6012, CLASS 2 STANDARDS AND WORKMANSHIP SHALL CONFORM TO IPC-A-600, CLASS 2 - CURRENT REVISIONS
  3. BOARD MATERIAL AND CONSTRUCTION TO BE UL APPROVED AND MARKED ON THE FINISHED BOARD.
  4. LAMINATE MATERIAL:  
BOARD MATERIAL SHALL BE 180 Tg/340 Td ISOLA FR - 370HR OR EQUIVALENT , RoHS COMPLIANT AND LEAD FREE ASSEMBLY CAPABLE. BOARD MATERIAL SHALL MEET OR EXCEED IPC-4101B
  5. COPPER WEIGHT : 2oz FINISHED, TOP AND BOTTOM , 1 OZ. INTERNAL
  6. FINISHED THICKNESS : .062 +/- .010
  7. MIN PLATING THICKNESS IN THROUGH HOLES: .001'
  8. BOARD FINISH:  
PLATE ALL EXPOSED AREAS WITH ELECTROLESS IMMERSION GOLD  
NICKEL 100 MICROINCHES THK GOLD 2-3 MICROINCHES THK MIN
  9. LPI SOLDERMASK BOTH SIDES USING APPROPRIATE LAYER ATRWORK: COLOR = GREEN
  10. LPI SILKSCREEN AS REQUIRED : COLOR - WHITE
  11. VENDOR INFORMATION TO BE INCORPORATED ON BACK SIDE WHENEVER POSSIBLE
  12. MINIMUM COPPER CONDUCTOR WIDTH IS 7 MILS  
MINIMUM CONDUCTOR SPACING IS: 7 MILS
  13. NUMBER OF FINISHED LAYERS: 4
  14. BOARD DIMENSIIONS: 3.4 x 3.049 inches

MECHANICAL TOLERANCES AND CHARACTERSTICS  
UNLESS OTHERWISE NOTED TOLEREANCES ARE:  
HOLES +/- 0.003 PTH STANDARD  
HOLES +/- 0.002 nPTH STANDARD  
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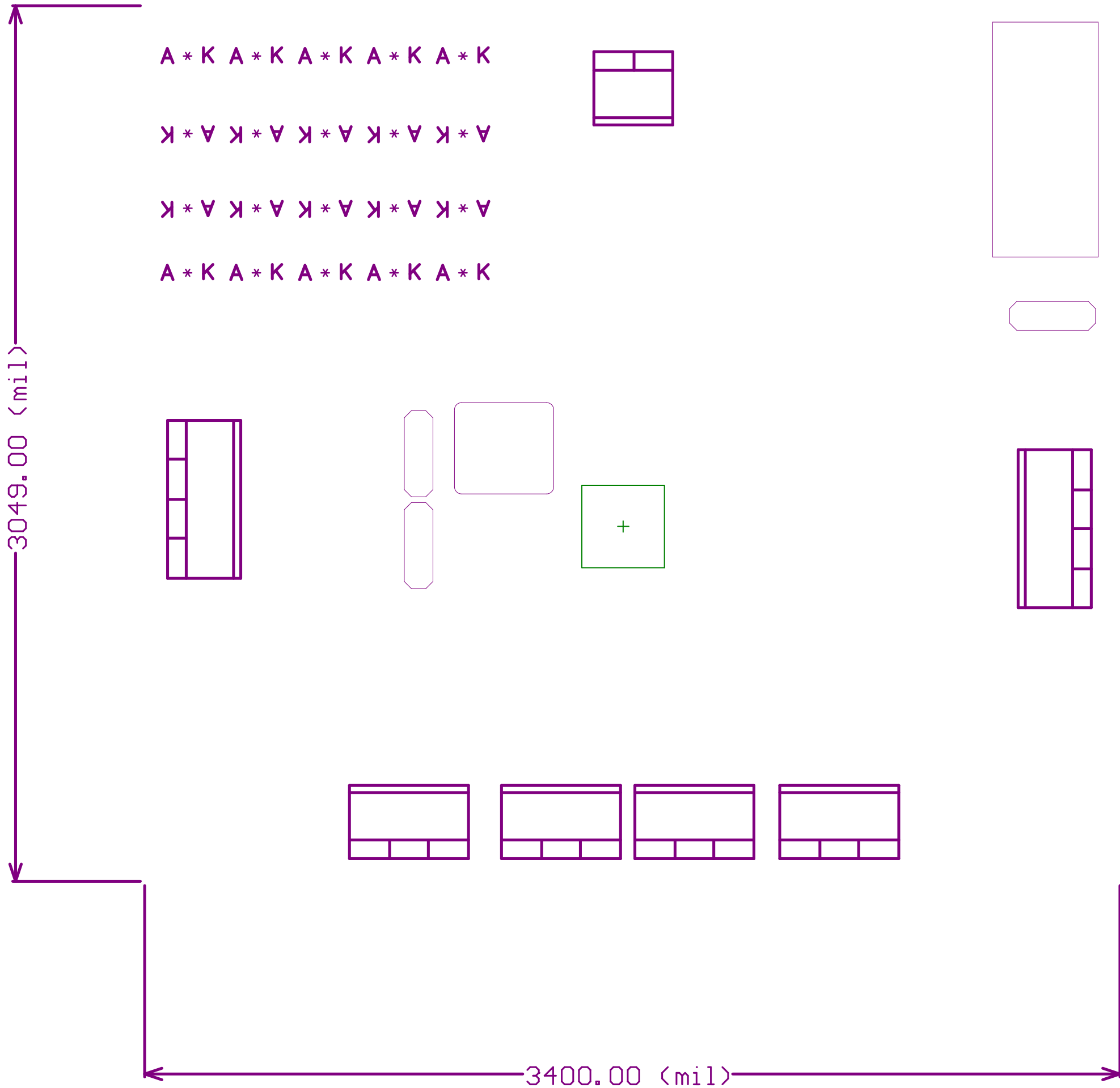
FABRICATION CHART													
FINISHED THICKNESS	SILKSCREEN	SOLDERMASK	FINISHED COPPER WEIGHT										
			EXTERNAL	INTERNAL									
<input type="checkbox"/> 0.031 <input checked="" type="checkbox"/> 0.062 <input type="checkbox"/> 0.093 <input type="checkbox"/> 0.125	<input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 4 <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 4 <input type="checkbox"/> NONE	<input type="checkbox"/> 1 OZ. <input checked="" type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____	<input checked="" type="checkbox"/> 1 OZ. <input type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____									
DESIGN	TRACE/GAP SPACING		LAYER COUNT										
<input type="checkbox"/> SMD <input type="checkbox"/> THRU-HOLE <input checked="" type="checkbox"/> MIX	<input type="checkbox"/> 0.010/0.010 <input checked="" type="checkbox"/> 0.007/0.007 <input type="checkbox"/> 0.006/0.006		<input type="checkbox"/> SINGLE SIDED <input checked="" type="checkbox"/> 4 LAYER <input type="checkbox"/> 8 LAYER <input type="checkbox"/> OTHER _____ <input type="checkbox"/> 2 LAYER <input type="checkbox"/> 6 LAYER <input type="checkbox"/> 10 LAYER										

TEXAS INSTRUMENTS			Copper Layer Name			Silkscreen		S Mask		P Mask		Assembly		Fab Drawing
Board No.	Rev.		Top	Internal	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot	
Radar EVM	1											TA	BA	FB
Date:	Filename:	Engineer:	PCB Dsgnr:		Modified Date:						Time Stamp:			

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  8. BOARD FINISH:  
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NICKEL 100 MICROINCHES THK GOLD 2-3 MICROINCHES THK MIN
  9. LPI SOLDERMASK BOTH SIDES USING APPROPRIATE LAYER ATRWORK: COLOR = GREEN
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  11. VENDOR INFORMATION TO BE INCORPORATED ON BACK SIDE WHENEVER POSSIBLE
  12. MINIMUM COPPER CONDUCTOR WIDTH IS 7 MILS  
MINIMUM CONDUCTOR SPACING IS: 7 MILS
  13. NUMBER OF FINISHED LAYERS: 4
  14. BOARD DIMENSIIONS: 3.4 x 3.049 inches

MECHANICAL TOLERANCES AND CHARACTERSTICS  
UNLESS OTHERWISE NOTED TOLEREANCES ARE:  
HOLES +/- 0.003 PTH STANDARD  
HOLES +/- 0.002 nPTH STANDARD  
MAXIMUM WRAP AND TWIST TO BE 0.005 INCH PER INCH

TA  
BA

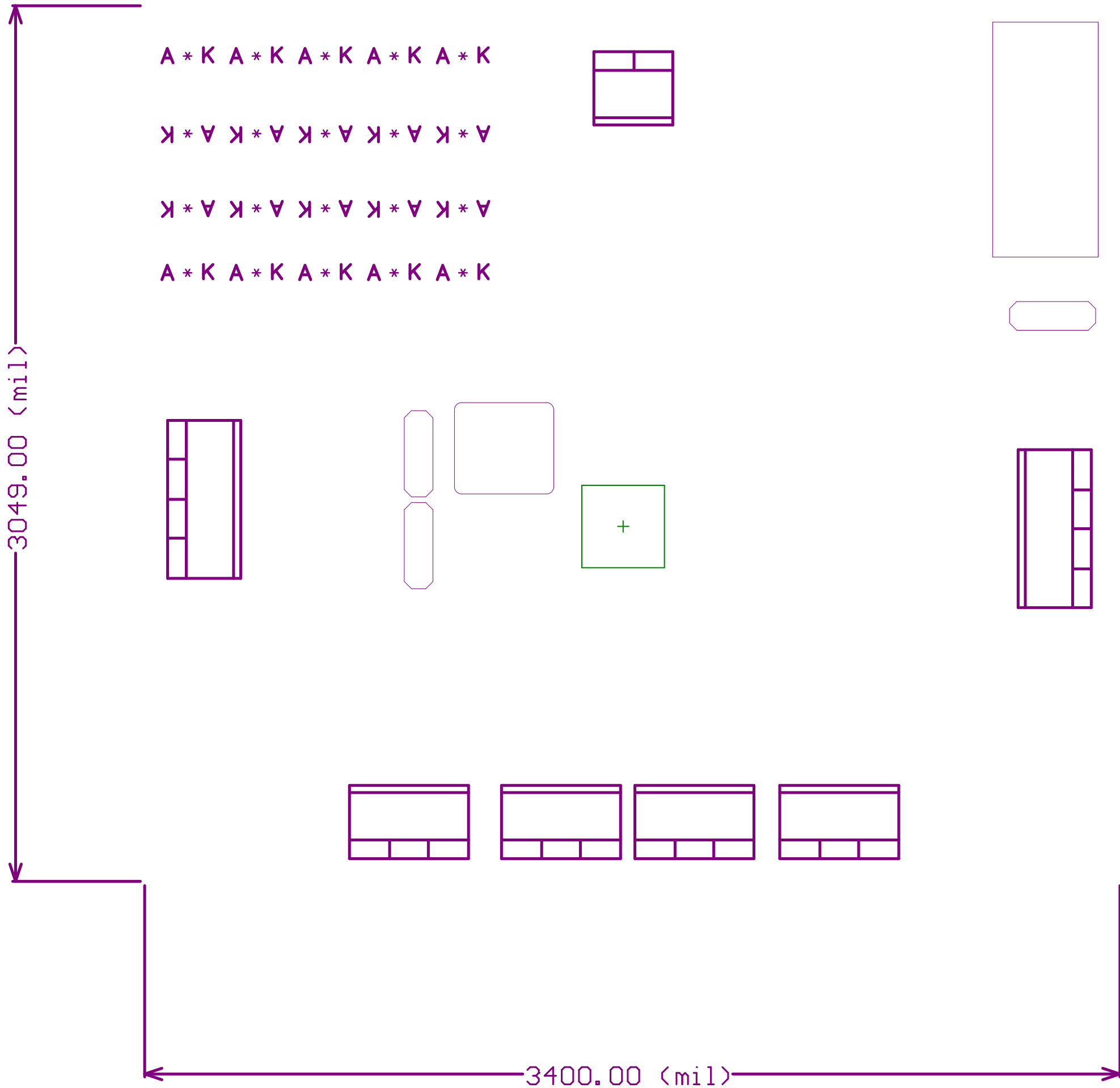


FABRICATION CHART															
FINISHED THICKNESS	SILKSCREEN	SOLDERMASK	FINISHED COPPER WEIGHT												
			EXTERNAL	INTERNAL											
<input type="checkbox"/> 0.031 <input checked="" type="checkbox"/> 0.062 <input type="checkbox"/> 0.093 <input type="checkbox"/> 0.125	<input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 4 <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 4 <input type="checkbox"/> NONE	<input type="checkbox"/> 1 OZ. <input checked="" type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____	<input checked="" type="checkbox"/> 1 OZ. <input type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____											
DESIGN	TRACE/GAP SPACING		LAYER COUNT												
<input type="checkbox"/> SMD <input type="checkbox"/> THRU-HOLE <input checked="" type="checkbox"/> MIX	<input type="checkbox"/> 0.010/0.010 <input checked="" type="checkbox"/> 0.007/0.007 <input type="checkbox"/> 0.006/0.006		<input type="checkbox"/> SINGLE SIDED <input checked="" type="checkbox"/> 4 LAYER <input type="checkbox"/> 8 LAYER <input type="checkbox"/> OTHER _____ <input type="checkbox"/> 2 LAYER <input type="checkbox"/> 6 LAYER <input type="checkbox"/> 10 LAYER												
TEXAS INSTRUMENTS				Copper Layer Name		Silkscreen		S Mask		P Mask		Assembly		Fab Drawing	
Board No. Radar EVM		Rev. 1		Top	Internal	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot	
													TA	BA	FB
Date:		Filename:		Engineer:		PCB Dsgnr:		Modified Date:				Time Stamp:			

- Notes :
1. PWB TO BE MANUFACTURED RoHS COMPLIANT
  2. PWB TO BE FABRICATED TO MEET OR EXCEED IPC-6012, CLASS 2 STANDARDS AND WORKMANSHIP SHALL CONFORM TO IPC-A-600, CLASS 2 - CURRENT REVISIONS
  3. BOARD MATERIAL AND CONSTRUCTION TO BE UL APPROVED AND MARKED ON THE FINISHED BOARD.
  4. LAMINATE MATERIAL:  
BOARD MATERIAL SHALL BE 180 Tg/340 Td ISOLA FR - 370HR OR EQUIVALENT , RoHS COMPLIANT AND LEAD FREE ASSEMBLY CAPABLE. BOARD MATERIAL SHALL MEET OR EXCEED IPC-4101B
  5. COPPER WEIGHT : 2oz FINISHED, TOP AND BOTTOM , 1 OZ. INTERNAL
  6. FINISHED THICKNESS : .062 +/- .010
  7. MIN PLATING THICKNESS IN THROUGH HOLES: .001'
  8. BOARD FINISH:  
PLATE ALL EXPOSED AREAS WITH ELECTROLESS IMMERSION GOLD  
NICKEL 100 MICROINCHES THK GOLD 2-3 MICROINCHES THK MIN
  9. LPI SOLDERMASK BOTH SIDES USING APPROPRIATE LAYER ATRWORK: COLOR = GREEN
  10. LPI SILKSCREEN AS REQUIRED : COLOR - WHITE
  11. VENDOR INFORMATION TO BE INCORPORATED ON BACK SIDE WHENEVER POSSIBLE
  12. MINIMUM COPPER CONDUCTOR WIDTH IS 7 MILS  
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BA



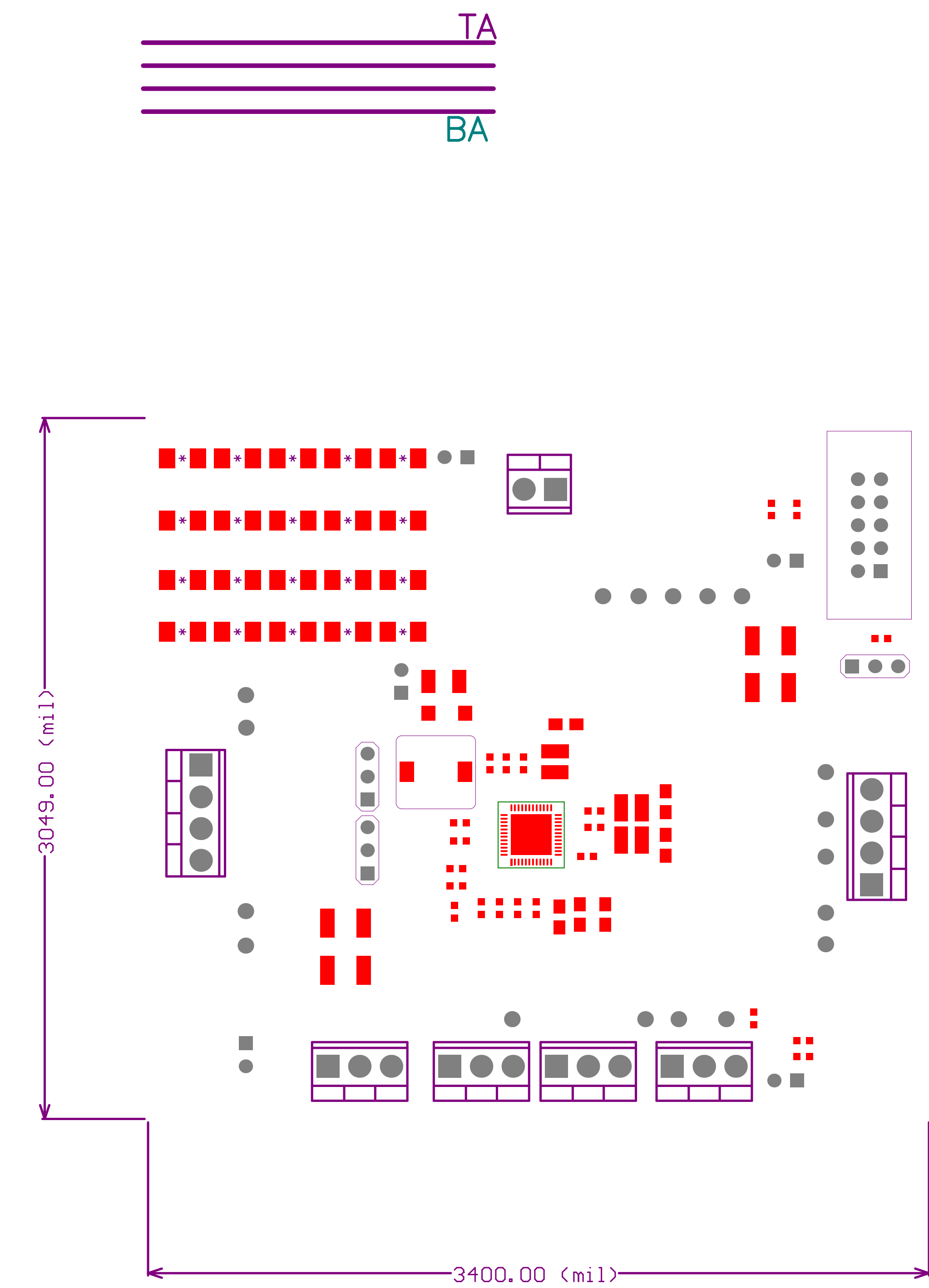
FABRICATION CHART													
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DESIGN	TRACE/GAP SPACING		LAYER COUNT										
<input type="checkbox"/> SMD <input type="checkbox"/> THRU-HOLE <input checked="" type="checkbox"/> MIX	<input type="checkbox"/> 0.010/0.010 <input checked="" type="checkbox"/> 0.007/0.007 <input type="checkbox"/> 0.006/0.006		<input type="checkbox"/> SINGLE SIDED <input checked="" type="checkbox"/> 4 LAYER <input type="checkbox"/> 8 LAYER <input type="checkbox"/> OTHER _____ <input type="checkbox"/> 2 LAYER <input type="checkbox"/> 6 LAYER <input type="checkbox"/> 10 LAYER										

TEXAS INSTRUMENTS			Copper Layer Name			Silkscreen		S Mask		P Mask		Assembly		Fab Drawing
Board No.	Rev.	Top	Internal	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot
Radars EVM	1										TA	BA		FB
Date:	Filename:	Engineer:	PCB Dsgnr:	Modified Date:				Time Stamp:						



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FABRICATION CHART

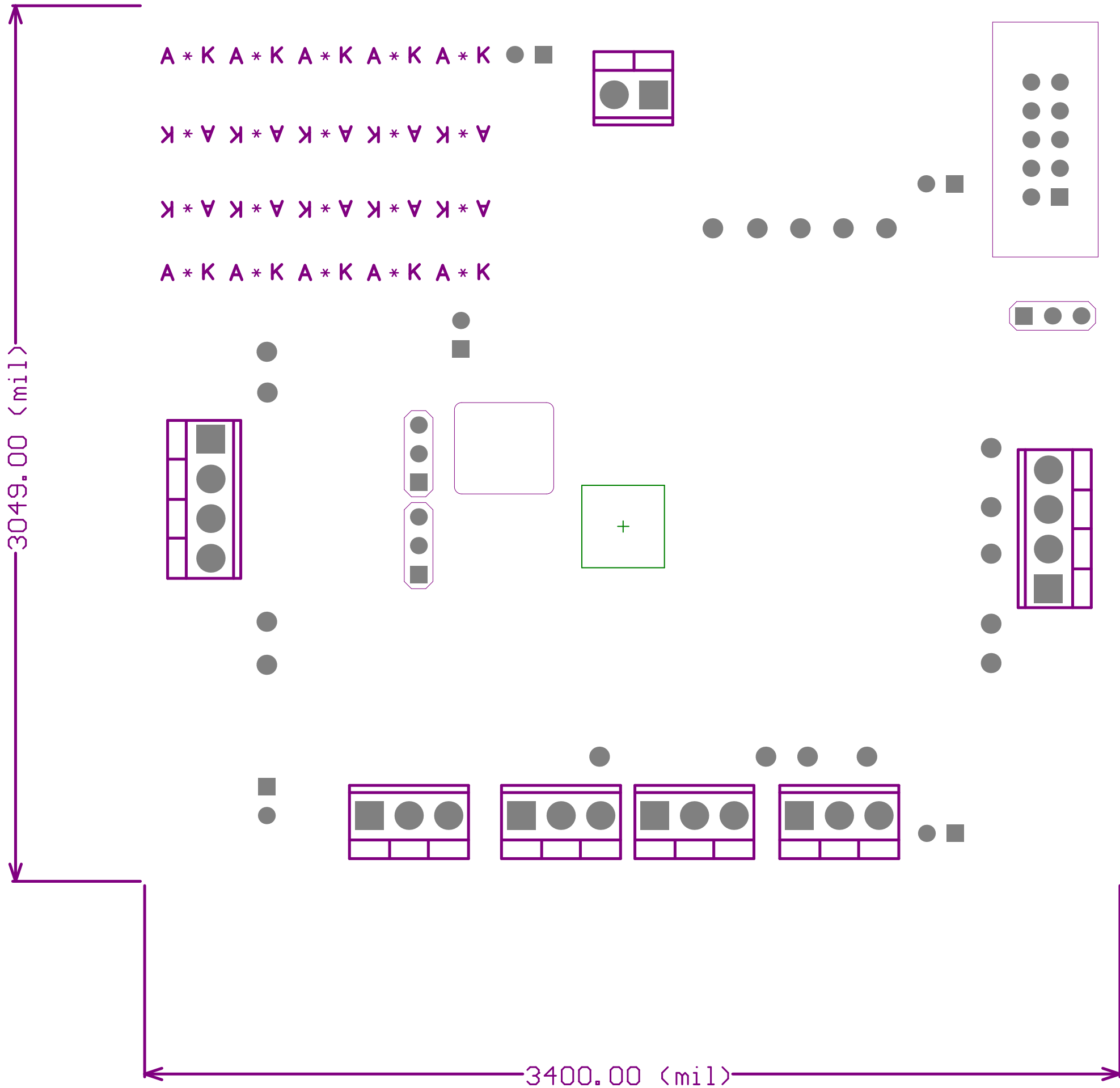
FINISHED THICKNESS	SILKSCREEN	SOLDERMASK	FINISHED COPPER WEIGHT	
			EXTERNAL	INTERNAL
<input type="checkbox"/> 0.031 <input checked="" type="checkbox"/> 0.062 <input type="checkbox"/> 0.093 <input type="checkbox"/> 0.125	<input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 4 <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 4 <input type="checkbox"/> NONE	<input type="checkbox"/> 1 OZ. <input checked="" type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____	<input checked="" type="checkbox"/> 1 OZ. <input type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____
DESIGN	TRACE/GAP SPACING	LAYER COUNT		
<input type="checkbox"/> SMD <input type="checkbox"/> THRU-HOLE <input checked="" type="checkbox"/> MIX	<input type="checkbox"/> 0.010/0.010 <input checked="" type="checkbox"/> 0.007/0.007 <input type="checkbox"/> 0.006/0.006	<input type="checkbox"/> SINGLE SIDED <input checked="" type="checkbox"/> 4 LAYER <input type="checkbox"/> 8 LAYER <input type="checkbox"/> OTHER _____		
		<input type="checkbox"/> 2 LAYER <input type="checkbox"/> 6 LAYER <input type="checkbox"/> 10 LAYER		

TEXAS INSTRUMENTS			Copper Layer Name		Silkscreen		S Mask		P Mask		Assembly		Fab Drawing
Board No.	Rev.	Top	Internal	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot	
Radar EVM	1										TA	BA	FB
Date:	Filename:	Engineer:	PCB Dsgnr:	Modified Date:						Time Stamp:			

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  4. LAMINATE MATERIAL:  
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TA  
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FABRICATION CHART													
FINISHED THICKNESS	SILKSCREEN	SOLDERMASK	FINISHED COPPER WEIGHT										
			EXTERNAL	INTERNAL									
<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 4 <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 4 <input type="checkbox"/> NONE	<input type="checkbox"/> 1 OZ. <input checked="" type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____	<input checked="" type="checkbox"/> 1 OZ. <input type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____									
DESIGN	TRACE/GAP SPACING		LAYER COUNT										
<input type="checkbox"/> SMD <input type="checkbox"/> THRU-HOLE <input checked="" type="checkbox"/> MIX	<input type="checkbox"/> 0.010/0.010 <input checked="" type="checkbox"/> 0.007/0.007 <input type="checkbox"/> 0.006/0.006		<input type="checkbox"/> SINGLE SIDED <input checked="" type="checkbox"/> 4 LAYER <input type="checkbox"/> 8 LAYER <input type="checkbox"/> OTHER _____										
		<input type="checkbox"/> 2 LAYER <input type="checkbox"/> 6 LAYER <input type="checkbox"/> 10 LAYER											

TEXAS INSTRUMENTS				Copper Layer Name		Silkscreen		S Mask		P Mask		Assembly		Fab Drawing	
Board No.		Rev.		Top	Internal	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot	
Radar EVM		1											TA	BA	FB
Date:		Filename:		Engineer:		PCB Dsgnr:		Modified Date:				Time Stamp:			

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  6. FINISHED THICKNESS : .062 +/- .010
  7. MIN PLATING THICKNESS IN THROUGH HOLES: .001'
  8. BOARD FINISH:  
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NICKEL 100 MICROINCHES THK GOLD 2-3 MICROINCHES THK MIN
  9. LPI SOLDERMASK BOTH SIDES USING APPROPRIATE LAYER ATRWORK: COLOR = GREEN
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\_\_\_\_\_TA

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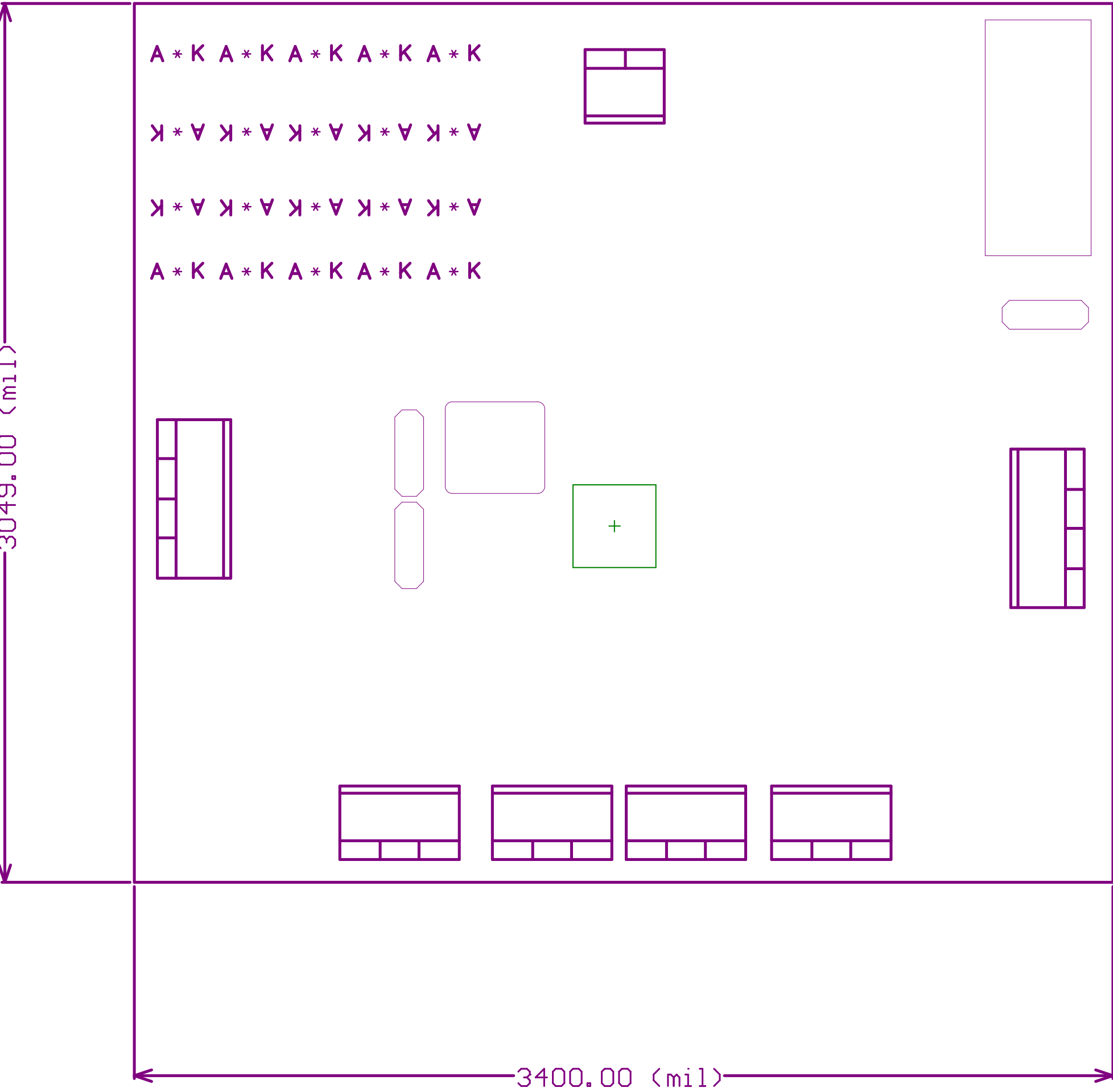
MECHANICAL TOLERANCES AND CHARACTERSTICS

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FABRICATION CHART

FINISHED THICKNESS	SILKSCREEN	SOLDERMASK	FINISHED COPPER WEIGHT	
			EXTERNAL	INTERNAL
<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 4 <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 4 <input type="checkbox"/> NONE	<input type="checkbox"/> 1 OZ. <input checked="" type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____	<input checked="" type="checkbox"/> 1 OZ. <input type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____
DESIGN	TRACE/GAP SPACING	LAYER COUNT		
<input type="checkbox"/> SMD <input type="checkbox"/> THRU-HOLE <input checked="" type="checkbox"/> MIX	<input type="checkbox"/> 0.010/0.010 <input checked="" type="checkbox"/> 0.007/0.007 <input type="checkbox"/> 0.006/0.006	<input type="checkbox"/> SINGLE SIDED <input checked="" type="checkbox"/> 4 LAYER <input type="checkbox"/> 8 LAYER <input type="checkbox"/> OTHER _____		
		<input type="checkbox"/> 2 LAYER <input type="checkbox"/> 6 LAYER <input type="checkbox"/> 10 LAYER		

TEXAS INSTRUMENTS					Copper Layer Name		Silkscreen		S Mask		P Mask		Assembly		Fab Drawing
Board No.	Rev.	Top	Internal	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot	
Radars EVM	1												TA	BA	FB
Date:	Filename:	Engineer:	PCB Dsgnr:	Modified Date:								Time Stamp:			



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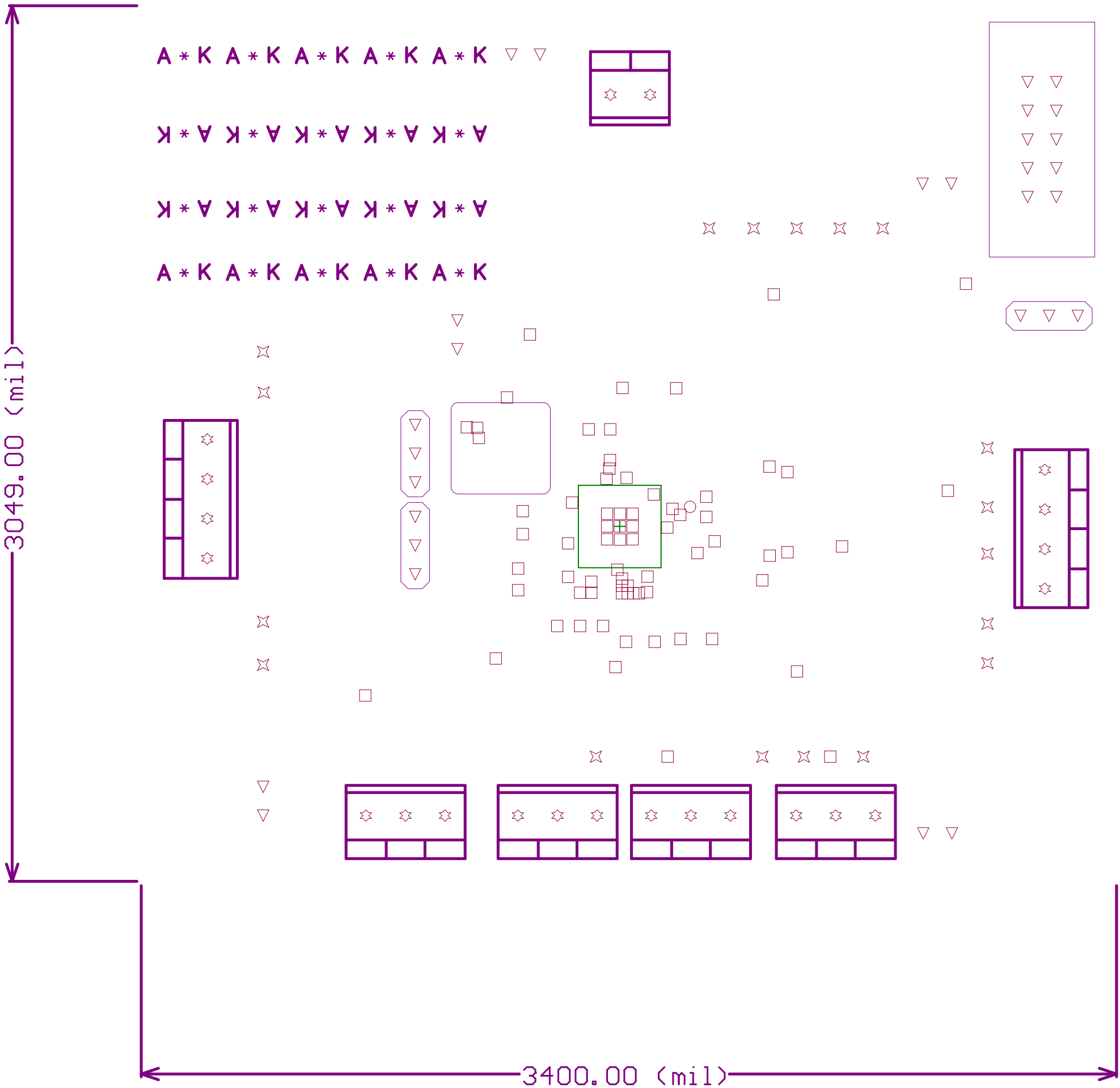
TA  
BA

□	72	8mil	0.2032mm	PTH	Round
○	1	10mil	0.254mm	PTH	Round
▽	29	38mil	0.9652mm	PTH	Round
✧	22	50mil	1.27mm	PTH	Round
✕	18	52mil	1.3208mm	PTH	Round
	142	Total			

FABRICATION CHART

FINISHED THICKNESS	SILKSCREEN	SOLDERMASK	FINISHED COPPER WEIGHT	
			EXTERNAL	INTERNAL
<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 4 <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> LAYER 1 <input checked="" type="checkbox"/> LAYER 4 <input type="checkbox"/> NONE	<input type="checkbox"/> 1 OZ. <input checked="" type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____	<input checked="" type="checkbox"/> 1 OZ. <input type="checkbox"/> 2 OZ. <input type="checkbox"/> OTHER _____
DESIGN	TRACE/GAP SPACING		LAYER COUNT	
<input type="checkbox"/> SMD <input type="checkbox"/> THRU-HOLE <input checked="" type="checkbox"/> MIX	<input type="checkbox"/> 0.010/0.010 <input checked="" type="checkbox"/> 0.007/0.007 <input type="checkbox"/> 0.006/0.006		<input type="checkbox"/> SINGLE SIDED <input checked="" type="checkbox"/> 4 LAYER <input type="checkbox"/> 8 LAYER <input type="checkbox"/> OTHER _____	<input type="checkbox"/> 2 LAYER <input type="checkbox"/> 6 LAYER <input type="checkbox"/> 10 LAYER

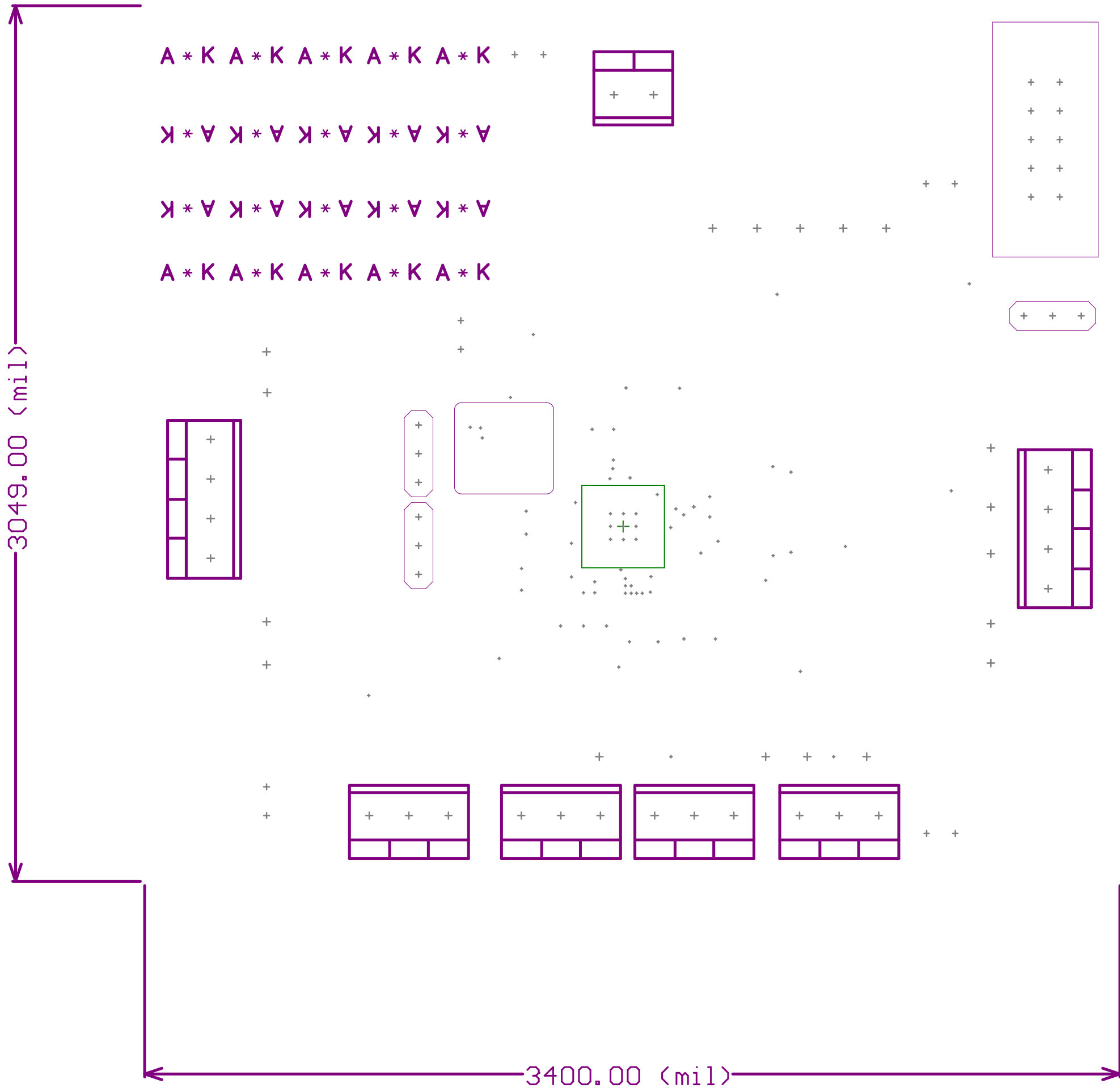
TEXAS INSTRUMENTS				Copper Layer Name		Silkscreen		S Mask		P Mask		Assembly		Fab Drawing
				Top	Internal	Bot	Top	Bot	Top	Bot	Top	Bot	Top	
Board No. Radar EVM			Rev. 1									TA	BA	FB
Date:	Filename:		Engineer:		PCB Dsgnr:		Modified Date:					Time Stamp:		



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DESIGN	TRACE/GAP SPACING	LAYER COUNT		
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TEXAS INSTRUMENTS			Copper Layer Name		Silkscreen		S Mask		P Mask		Assembly		Fab Drawing
Board No.	Rev.	Top	Internal	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot	
Radar EVM	1										TA	BA	FB
Date:	Filename:	Engineer:	PCB Dsgnr:	Modified Date:						Time Stamp:			