

REV	ECO	Comments	Date

THIS PCB TO BE MANUFACTURED TO MEET ALL ACCEPTANCE LEVELS FROM CLASS 2:

STANDARD: ☒ IPC-A-600 ☒ IPC-6012 ☐ IPC-6013

MATERIAL: FR-4 or Equivalent ☒ TG 130-140 ☐ TG 170-180

☒ MULTILAYER ☐ 4 LAYERS ☒ CONTROLLED IMPEDANCE

☒ TH VIA ☐ BLIND VIA ☐ BURIED VIA

Cu WEIGHT EXTERNAL LAYERS 35um FINISHED

Cu WEIGHT INTERNAL LAYERS 35um FINISHED

FINISHED OVERALL THICKNESS 1.6 mm \pm 10 %

PCB OUTLINE WIDTH 165 mm \pm 0.1 mm

PCB OUTLINE HEIGHT 120 mm \pm 0.1 mm

COPPER THIEVING ALLOWED ☐ YES ☒ NO

FINISH: ☒ ENIG

☐ IMMERSION SILVER

☐ IMMERSION TIN

☐ SMOBC WITH SELECTIVE GOLD PLATING ON LANDS

☐ INDICATED. 1um GOLD OVER 5-10 um NICKEL

SOLDERMASK IPC-SM-840 Class T

SOLDERMASK COLOR RED HIGH GLOSS

SILKSCREEN COLOR WHITE

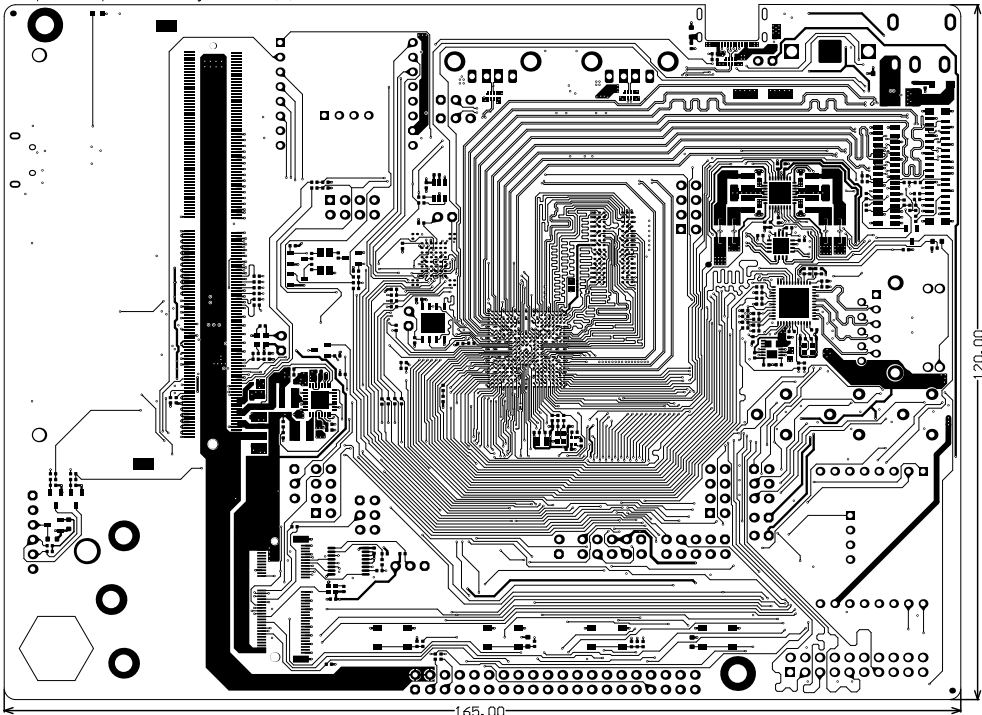
ALL HOLES TO BE LOCATED BY THE COORDINATES FROM THE NC DRILL DATA PROVIDED.

USE ARTWORK SET NO. 04-12169 PCB REV 4

ALL UL LOGO, MANUFACTURER'S ID, AND DATE CODES SHALL BE PLACED ON THE BOTTOM SIDE UNLESS OTHERWISE INDICATED.

ANY ALTERNATIVES TO THE ABOVE SPECIFICATIONS MUST FIRST BE APPROVED.

L1 - Top Exported with Altium Designer 24.9.1.31 on 9/12/2024 at 5:39:25 PM




THIS BOARD CONTAINS CONTROLLED IMPEDANCE TRACKS, TRACK AND GAP SIZES ARE AS FOLLOWS:

TYPE;	Impedance;	Tolerance;	Layer;	Reference;	Width (um);	Gap (um);
DIFF;	90ohm;	+/- 10%;	L1;	L2;	125;	175;
DIFF;	90ohm;	+/- 10%;	L4;	L3;	125;	175;
DIFF;	100ohm;	+/- 10%;	L1;	L2;	100;	200;
DIFF;	100ohm;	+/- 10%;	L4;	L3;	100;	200;
SE;	50ohm;	+/- 10%;	L1;	L2;	125;	
SE;	50ohm;	+/- 10%;	L4;	L3;	125;	

Layer	Name	Material	Thickness	Constant	Gerber
	Top Overlay				GTO
	Top Solder	Solder Resist	0.025mm	3.8	GTS
1	L1 - Top		0.035mm		GTL
	Dielectric 1		0.085mm	4.2	
2	L2 - GND		0.035mm		G1
	Dielectric 2	FR-4	1.200mm	4.2	
3	L3 - PWR		0.035mm		G2
	Dielectric 3		0.085mm	4.2	
4	L4 - Bottom		0.035mm		GBL
	Bottom Solder	Solder Resist	0.025mm	3.8	GBS
	Bottom Overlay				GBO

Total board thickness: 1.560mm

 MICROCHIP Microchip Technology Inc. 2355 W. Chandler Blvd. Chandler, AZ 85224	TITLE: SAMA7D65 Curiosity		PART NUMBER: 04-12169	
	PCB DESIGNER: Cav		GERBER FILE: L1	
	ENGINEER: Cav		BOARD NUMBER: 04-12169	
	PCB FILE NAME: SAMA7D65-CuriosityPcbDoc		LAYER NAME: BOARD (1/2)	
			DATE: 9/12/2024	

REV: 4	10mm 1 400mm 1
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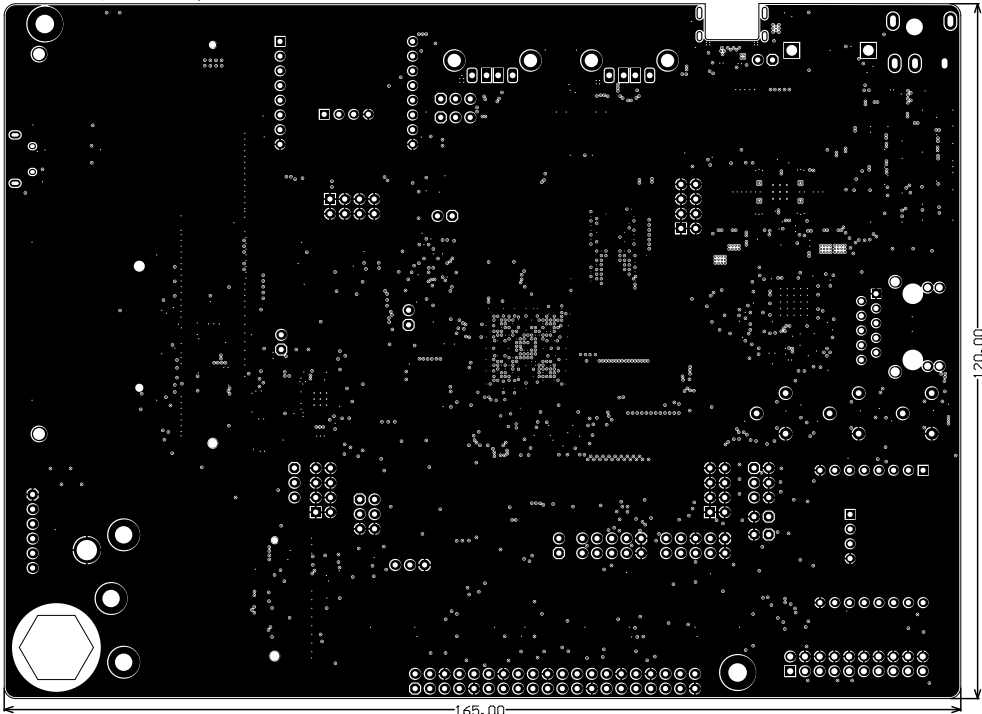
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L2 - GND Exported with Altium Designer 24.9.1.31 on 9/12/2024 at 5:39:25 PM




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TYPE;	Impedance;	Tolerance;	Layer;	Reference;	Width (um);	Gap (um);
DIFF;	90ohm;	+/- 10%;	L1;	L2;	125;	175;
DIFF;	90ohm;	+/- 10%;	L4;	L3;	125;	175;
DIFF;	100ohm;	+/- 10%;	L1;	L2;	100;	200;
DIFF;	100ohm;	+/- 10%;	L4;	L3;	100;	200;
SE;	50ohm;	+/- 10%;	L1;	L2;	125;	
SE;	50ohm;	+/- 10%;	L4;	L3;	125;	

Layer	Name	Material	Thickness	Constant	Gerber
	Top Overlay				GTO
	Top Solder	Solder Resist	0.025mm	3.8	GTS
1	L1 - Top		0.035mm		GTL
	Dielectric 1		0.085mm	4.2	
2	L2 - GND		0.035mm		G1
	Dielectric 2	FR-4	1.200mm	4.2	
3	L3 - PWR		0.035mm		G2
	Dielectric 3		0.085mm	4.2	
4	L4 - Bottom		0.035mm		GBL
	Bottom Solder	Solder Resist	0.025mm	3.8	GBS
	Bottom Overlay				GBO

Total board thickness: 1.560mm

 MICROCHIP Microchip Technology Inc. 2355 W. Chandler Blvd. Chandler, AZ 85224	TITLE: SAMA7D65 Curiosity		PART NUMBER: 04-12169	
	PCB DESIGNER: Cav		GERBER FILE: L2	
	ENGINEER: Cav		BOARD NUMBER: 04-12169	
	PCB FILE NAME: SAMA7D65-CuriosityPcbDoc		DATE: 9/12/2024	
	LAYER NAME: SAMA7D65		REV: 4	

REV	ECO	Comments	Date

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SILKSCREEN COLOR WHITE

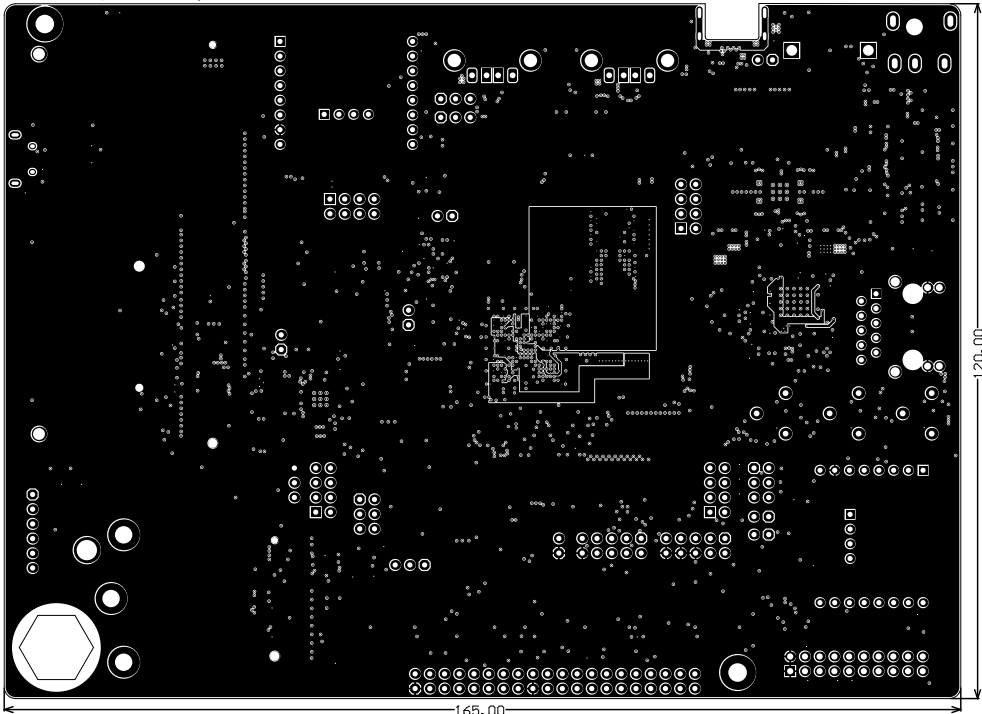
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USE ARTWORK SET NO. 04-12169 PCB REV 4

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L3 - PWR Exported with Altium Designer 24.9.131 on 9/12/2024 at 5:39:25 PM




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TYPE;	Impedance;	Tolerance;	Layer;	Reference;	Width (um);	Gap (um);
DIFF;	90ohm;	+/- 10%;	L1;	L2;	125;	175;
DIFF;	90ohm;	+/- 10%;	L4;	L3;	125;	175;
DIFF;	100ohm;	+/- 10%;	L1;	L2;	100;	200;
DIFF;	100ohm;	+/- 10%;	L4;	L3;	100;	200;
SE;	50ohm;	+/- 10%;	L1;	L2;	125;	
SE;	50ohm;	+/- 10%;	L4;	L3;	125;	

Layer	Name	Material	Thickness	Constant	Gerber
	Top Overlay				GTO
	Top Solder	Solder Resist	0.025mm	3.8	GTS
1	L1 - Top		0.035mm		GTL
	Dielectric 1		0.085mm	4.2	
2	L2 - GND		0.035mm		G1
	Dielectric 2	FR-4	1.200mm	4.2	
3	L3 - PWR		0.035mm		G2
	Dielectric 3		0.085mm	4.2	
4	L4 - Bottom		0.035mm		GBL
	Bottom Solder	Solder Resist	0.025mm	3.8	GBS
	Bottom Overlay				GBO

Total board thickness: 1.560mm

 MICROCHIP Microchip Technology Inc. 2355 W. Chandler Blvd. Chandler, AZ 85224	TITLE: SAMA7D65 Curiosity		PART NUMBER: 04-12169	
	PCB DESIGNER: Cav		GERBER FILE: L3	
	ENGINEER: Cav		BOARD NUMBER: 04-12169	
	PCB FILE NAME: SAMA7D65-CuriosityPcbDoc		DATE: 9/12/2024	
	LAYER NAME: SAMA7D65		REV: 4	

REV	ECO	Comments	Date

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PCB OUTLINE HEIGHT 120 mm ± 0.1 mm

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SOLDERMASK IPC-SM-840 Class T

SOLDERMASK COLOR RED HIGH GLOSS

SILKSCREEN COLOR WHITE

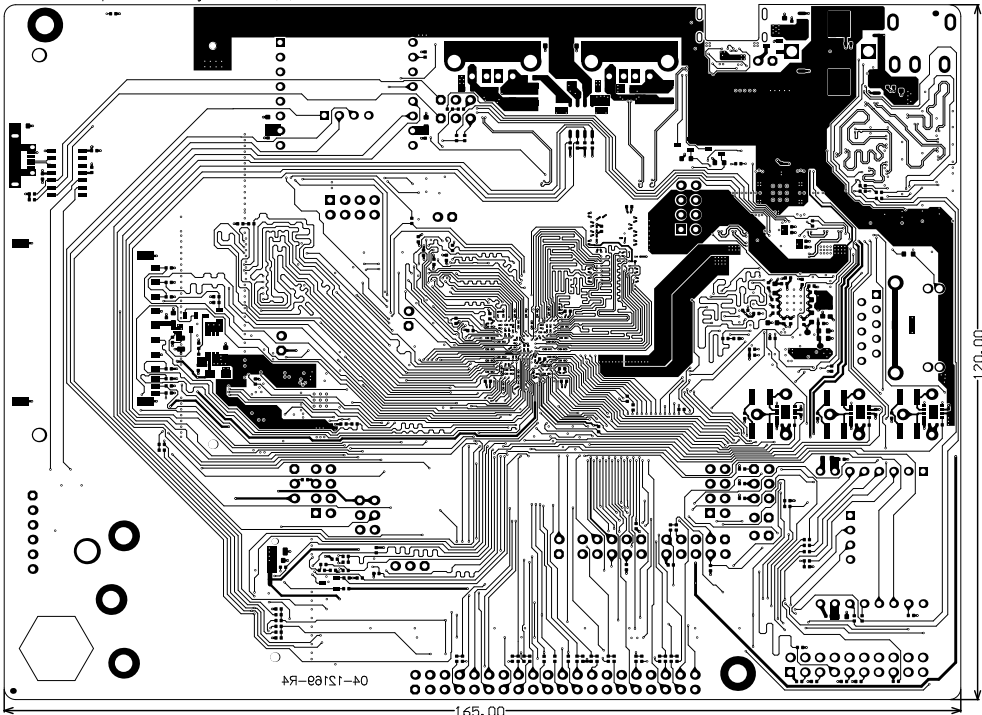
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L4 - Bottom Exported with Altium Designer 24.9.1.31 on 9/12/2024 at 5:39:26 PM




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TYPE;	Impedance;	Tolerance;	Layer;	Reference;	Width (um);	Gap (um);
DIFF;	90ohm;	+/- 10%;	L1;	L2;	125;	175;
DIFF;	90ohm;	+/- 10%;	L4;	L3;	125;	175;
DIFF;	100ohm;	+/- 10%;	L1;	L2;	100;	200;
DIFF;	100ohm;	+/- 10%;	L4;	L3;	100;	200;
SE;	50ohm;	+/- 10%;	L1;	L2;	125;	
SE;	50ohm;	+/- 10%;	L4;	L3;	125;	

Layer	Name	Material	Thickness	Constant	Gerber
	Top Overlay				GTO
	Top Solder	Solder Resist	0.025mm	3.8	GTS
1	L1 - Top		0.035mm		GTL
	Dielectric 1		0.085mm	4.2	
2	L2 - GND		0.035mm		G1
	Dielectric 2	FR-4	1.200mm	4.2	
3	L3 - PWR		0.035mm		G2
	Dielectric 3		0.085mm	4.2	
4	L4 - Bottom		0.035mm		GBL
	Bottom Solder	Solder Resist	0.025mm	3.8	GBS
	Bottom Overlay				GBO

Total board thickness: 1.560mm

 MICROCHIP Microchip Technology Inc. 2355 W. Chandler Blvd. Chandler, AZ 85224	TITLE: SAMA7D65 Curiosity		PART NUMBER: 04-12169	
	PCB DESIGNER: Cav		GERBER FILE: L4	
	ENGINEER: Cav		BOARD NUMBER: 04-12169	
	PCB FILE NAME: SAMA7D65-CuriosityPcbDoc		DATE: 9/12/2024	
	LAYER NAME: SAMA7D65		REV: 4	

REV	ECO	Comments	Date

THIS PCB TO BE MANUFACTURED TO MEET ALL ACCEPTANCE LEVELS FROM CLASS 2:

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SOLDERMASK COLOR RED HIGH GLOSS

SILKSCREEN COLOR WHITE

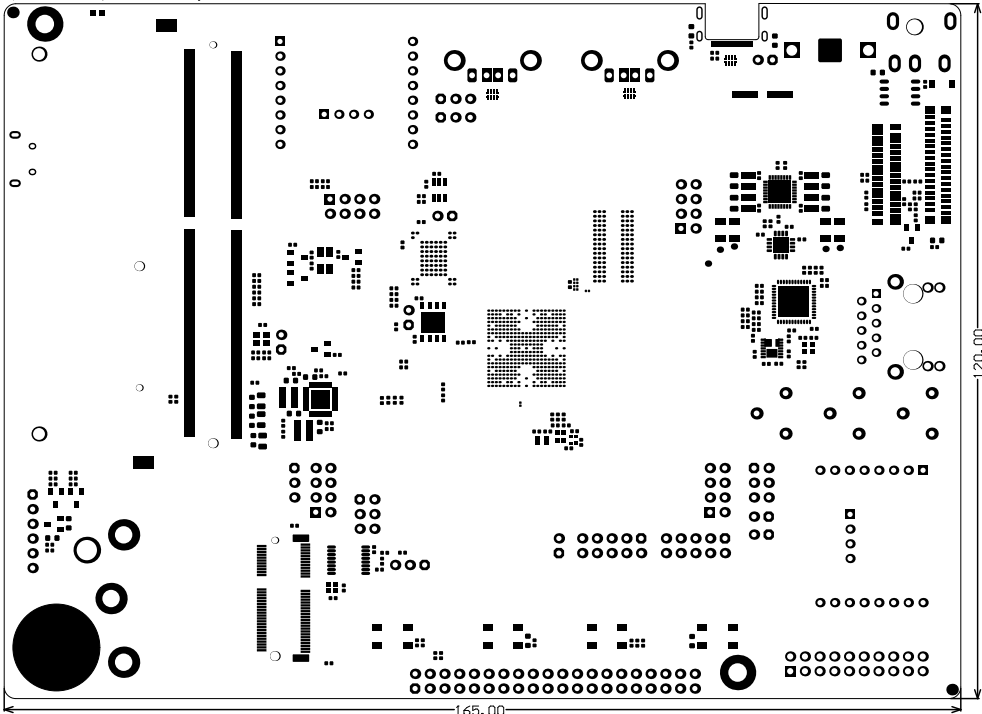
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Top Solder Exported with Altium Designer 24.9.1.31 on 9/12/2024 at 5:39:26 PM




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DIFF;	100ohm;	+/- 10%;	L1;	L2;	100;	200;
DIFF;	100ohm;	+/- 10%;	L4;	L3;	100;	200;
SE;	50ohm;	+/- 10%;	L1;	L2;	125;	
SE;	50ohm;	+/- 10%;	L4;	L3;	125;	

Layer	Name	Material	Thickness	Constant	Gerber
	Top Overlay				GTO
	Top Solder	Solder Resist	0.025mm	3.8	GTS
1	L1 - Top		0.035mm		GTL
	Dielectric 1		0.085mm	4.2	
2	L2 - GND		0.035mm		G1
	Dielectric 2	FR-4	1.200mm	4.2	
3	L3 - PWR		0.035mm		G2
	Dielectric 3		0.085mm	4.2	
4	L4 - Bottom		0.035mm		GBL
	Bottom Solder	Solder Resist	0.025mm	3.8	GBS
	Bottom Overlay				GBO

Total board thickness: 1.560mm

 MICROCHIP Microchip Technology Inc. 2355 W. Chandler Blvd. Chandler, AZ 85224	TITLE: SAMA7D65 Curiosity		PART NUMBER: 04-12169	
	PCB DESIGNER: CAv		GERBER FILE: Top Solder Mask	
	ENGINEER: CAv		BOARD NUMBER: 04-12169	
	PCB FILE NAME: SAMA7D65-CuriosityPcbDoc		DATE: 9/12/2024	
	LAYER NAME: SAMA7D65-2		REV: 4	

REV	ECO	Comments	Date

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SILKSCREEN COLOR WHITE

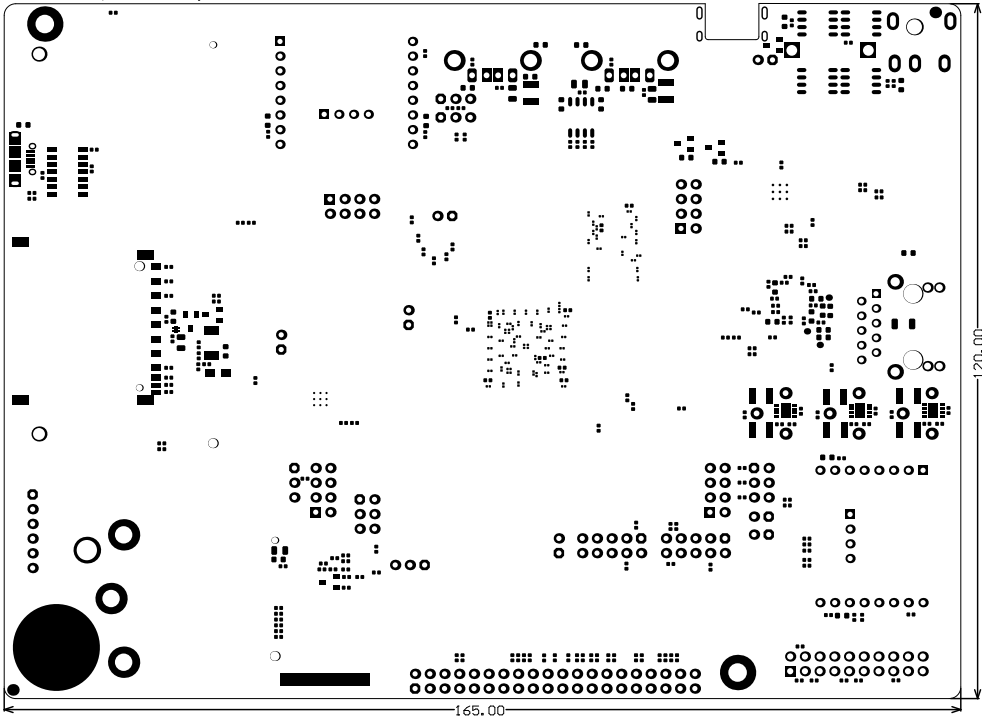
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Bottom Solder Exported with Altium Designer 24.9.1.31 on 9/12/2024 at 5:39:26 PM




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Layer	Name	Material	Thickness	Constant	Gerber
	Top Overlay				GTO
	Top Solder	Solder Resist	0.025mm	3.8	GTS
1	L1 - Top		0.035mm		GTL
	Dielectric 1		0.085mm	4.2	
2	L2 - GND		0.035mm		G1
	Dielectric 2	FR-4	1.200mm	4.2	
3	L3 - PWR		0.035mm		G2
	Dielectric 3		0.085mm	4.2	
4	L4 - Bottom		0.035mm		GBL
	Bottom Solder	Solder Resist	0.025mm	3.8	GBS
	Bottom Overlay				GBO

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 MICROCHIP Microchip Technology Inc. 2355 W. Chandler Blvd. Chandler, AZ 85224	TITLE: SAMA7D65 Curiosity		PART NUMBER: 04-12169	
	PCB DESIGNER: Cav		GERBER FILE: Bottom Solder Mask	
	ENGINEER: Cav		BOARD NUMBER: 04-12169	
	PCB FILE NAME: SAMA7D65-CuriosityPcbDoc		DATE: 9/12/2024	
	LAYER NAME: Bottom Solder		REV: 4	

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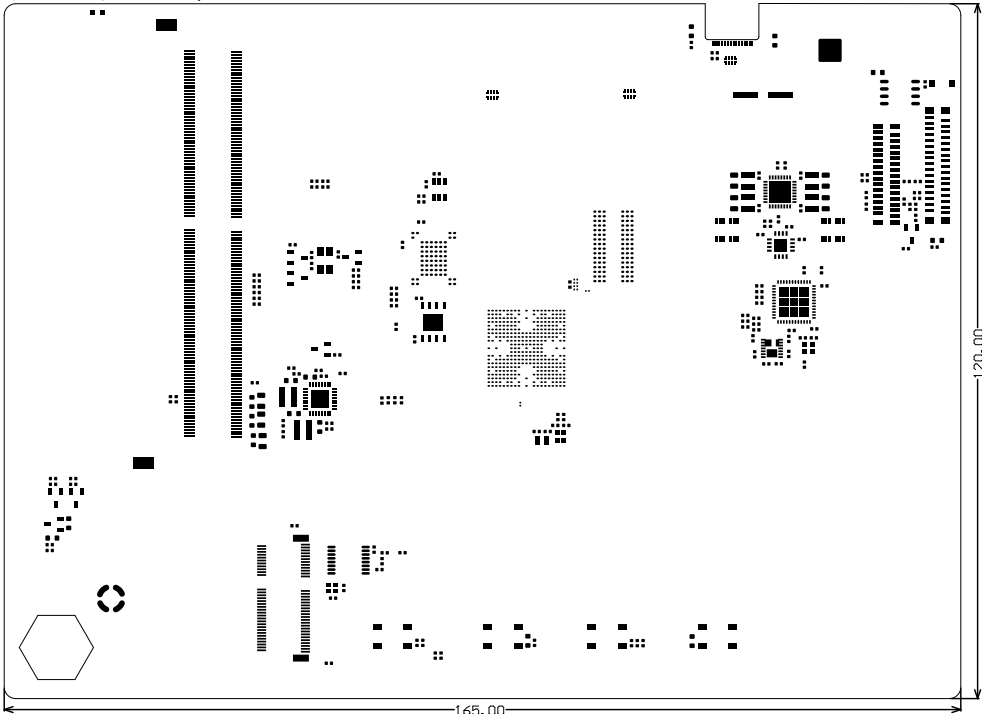
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Top Paste Exported with Altium Designer 24.9.1.31 on 9/12/2024 at 5:39:26 PM




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Layer	Name	Material	Thickness	Constant	Gerber
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	Top Solder	Solder Resist	0.025mm	3.8	GTS
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 MICROCHIP Microchip Technology Inc. 2355 W. Chandler Blvd. Chandler, AZ 85224	TITLE: SAMA7D65 Curiosity		PART NUMBER: 04-12169	
	PCB DESIGNER: CAv		GERBER FILE: Top Solder Paste	
	ENGINEER: CAv		BOARD NUMBER: 04-12169	
	PCB FILE NAME: SAMA7D65-CuriosityPcbDoc		DATE: 9/12/2024	
	LAYER NAME: SAMA7D65-2		REV: 4	

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☒ TH VIA ☐ BLIND VIA ☐ BURIED VIA

Cu WEIGHT EXTERNAL LAYERS 35um FINISHED

Cu WEIGHT INTERNAL LAYERS 35um FINISHED

FINISHED OVERALL THICKNESS 1.6 mm ± 10 %

PCB OUTLINE WIDTH 165 mm ± 0.1 mm

PCB OUTLINE HEIGHT 120 mm ± 0.1 mm

COPPER THIEVING ALLOWED ☐ YES ☒ NO

FINISH: ☒ ENIG

☐ IMMERSION SILVER

☐ IMMERSION TIN

☐ SMOBC WITH SELECTIVE GOLD PLATING ON LANDS

INDICATED. 1um GOLD OVER 5-10 um NICKEL

SOLDERMASK IPC-SM-840 Class T

SOLDERMASK COLOR RED HIGH GLOSS

SILKSCREEN COLOR WHITE

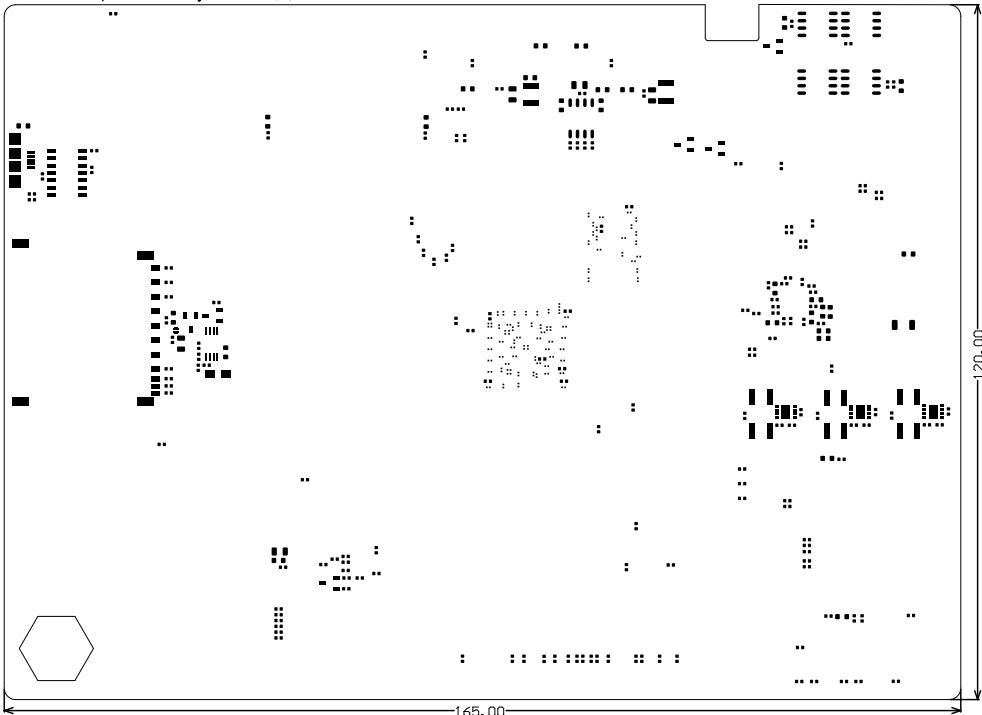
ALL HOLES TO BE LOCATED BY THE COORDINATES FROM THE NC DRILL DATA PROVIDED.

USE ARTWORK SET NO. 04-12169 PCB REV 4

ALL UL LOGO, MANUFACTURER'S ID, AND DATE CODES SHALL BE PLACED ON THE BOTTOM SIDE UNLESS OTHERWISE INDICATED.

ANY ALTERNATIVES TO THE ABOVE SPECIFICATIONS MUST FIRST BE APPROVED.

Bottom Paste Exported with Altium Designer 24.9.1.31 on 9/12/2024 at 5:39:26 PM




THIS BOARD CONTAINS CONTROLLED IMPEDANCE TRACKS, TRACK AND GAP SIZES ARE AS FOLLOWS:

TYPE;	Impedance;	Tolerance;	Layer;	Reference;	Width (um);	Gap (um);
DIFF;	90ohm;	+/- 10%;	L1;	L2;	125;	175;
DIFF;	90ohm;	+/- 10%;	L4;	L3;	125;	175;
DIFF;	100ohm;	+/- 10%;	L1;	L2;	100;	200;
DIFF;	100ohm;	+/- 10%;	L4;	L3;	100;	200;
SE;	50ohm;	+/- 10%;	L1;	L2;	125;	
SE;	50ohm;	+/- 10%;	L4;	L3;	125;	

Layer	Name	Material	Thickness	Constant	Gerber
	Top Overlay				GTO
	Top Solder	Solder Resist	0.025mm	3.8	GTS
1	L1 - Top		0.035mm		GTL
	Dielectric 1		0.085mm	4.2	
2	L2 - GND		0.035mm		G1
	Dielectric 2	FR-4	1.200mm	4.2	
3	L3 - PWR		0.035mm		G2
	Dielectric 3		0.085mm	4.2	
4	L4 - Bottom		0.035mm		GBL
	Bottom Solder	Solder Resist	0.025mm	3.8	GBS
	Bottom Overlay				GBO

Total board thickness: 1.560mm

 MICROCHIP Microchip Technology Inc. 2355 W. Chandler Blvd. Chandler, AZ 85224	TITLE: SAMA7D65 Curiosity		PART NUMBER: 04-12169	
	PCB DESIGNER: CAv		GERBER FILE: Bottom Solder Paste	
	ENGINEER: CAv		BOARD NUMBER: 04-12169	
	PCB FILE NAME: SAMA7D65-CuriosityPcbDoc		DATE: 9/12/2024	
	LAYER NAME: Bottom Solder Paste		REV: 4	

REV	ECO	Comments	Date

THIS PCB TO BE MANUFACTURED TO MEET ALL ACCEPTANCE LEVELS FROM CLASS 2:

STANDARD: ☒ IPC-A-600 ☒ IPC-6012 ☐ IPC-6013

MATERIAL: FR-4 or Equivalent ☒ TG 130-140 ☐ TG 170-180

☒ MULTILAYER ☐ 4 LAYERS ☒ CONTROLLED IMPEDANCE

☒ TH VIA ☐ BLIND VIA ☐ BURIED VIA

Cu WEIGHT EXTERNAL LAYERS 35um FINISHED

Cu WEIGHT INTERNAL LAYERS 35um FINISHED

FINISHED OVERALL THICKNESS 1.6 mm ± 10 %

PCB OUTLINE WIDTH 165 mm ± 0.1 mm

PCB OUTLINE HEIGHT 120 mm ± 0.1 mm

COPPER THIEVING ALLOWED ☐ YES ☒ NO

FINISH: ☒ ENIG

☐ IMMERSION SILVER

☐ IMMERSION TIN

☐ SMOBC WITH SELECTIVE GOLD PLATING ON LANDS

INDICATED. 1um GOLD OVER 5-10 um NICKEL

SOLDERMASK IPC-SM-840 Class T

SOLDERMASK COLOR RED HIGH GLOSS

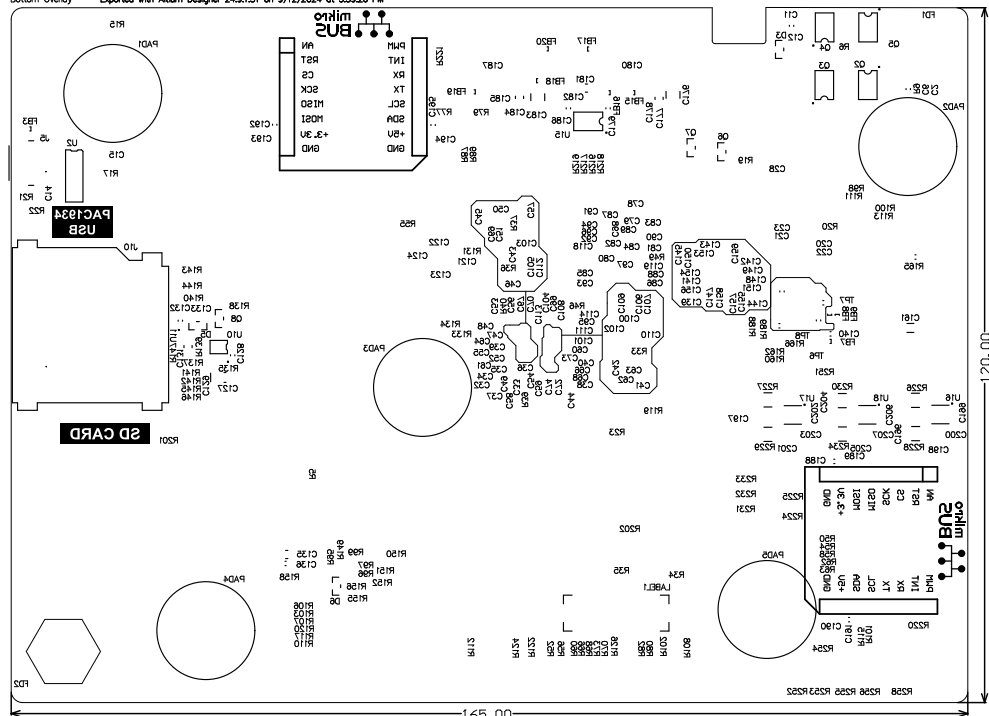
SILKSCREEN COLOR WHITE

ALL HOLES TO BE LOCATED BY THE COORDINATES FROM THE NC DRILL DATA PROVIDED.

USE ARTWORK SET NO. 04-12169 PCB REV 4

ALL UL LOGO, MANUFACTURER'S ID, AND DATE CODES SHALL BE PLACED ON THE BOTTOM SIDE UNLESS OTHERWISE INDICATED.

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THIS BOARD CONTAINS CONTROLLED IMPEDANCE TRACKS, TRACK AND GAP SIZES ARE AS FOLLOWS:

TYPE;	Impedance;	Tolerance;	Layer;	Reference;	Width (µm);	Gap (µm);
DIFF;	90ohm;	+/- 10%;	L1;	L2;	125;	175;
DIFF;	90ohm;	+/- 10%;	L4;	L3;	125;	175;
DIFF;	100ohm;	+/- 10%;	L1;	L2;	100;	200;
DIFF;	100ohm;	+/- 10%;	L4;	L3;	100;	200;
SE;	50ohm;	+/- 10%;	L1;	L2;	125;	
SE;	50ohm;	+/- 10%;	L4;	L3;	125;	

Layer	Name	Material	Thickness	Constant	Gerber
	Top Overlay				GTO
	Top Solder	Solder Resist	0.025mm	3.8	GTS
1	L1 – Top		0.035mm		GTL
	Dielectric 1		0.085mm	4.2	
2	L2 – GND		0.035mm		G1
	Dielectric 2	FR-4	1.200mm	4.2	
3	L3 – PWR		0.035mm		G2
	Dielectric 3		0.085mm	4.2	
4	L4 – Bottom		0.035mm		GBL
	Bottom Solder	Solder Resist	0.025mm	3.8	GBS
	Bottom Overlay				GBO

Total board thickness:		1.560mm
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REV	ECO	Comments	Date

THIS PCB TO BE MANUFACTURED TO MEET ALL ACCEPTANCE LEVELS FROM CLASS 2:

STANDARD: ☒ IPC-A-600 ☒ IPC-6012 ☐ IPC-6013MATERIAL: FR-4 or Equivalent ☒ TG 130-140 ☐ TG 170-180

☒ MULTILAYER ☐ 4 LAYERS ☒ CONTROLLED IMPEDANCE

☒ TH VIA ☐ BLIND VIA ☐ BURIED VIA

Cu WEIGHT EXTERNAL LAYERS .35um FINISHED

Cu WEIGHT INTERNAL LAYERS 35μm FINISHED

FINISHED OVERALL THICKNESS	16 mm	+ 10 %
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PCB OUTLINE WIDTH $\boxed{165}$ mm $\pm \boxed{01}$ mm

PCR OUTLINE HEIGHT $\boxed{130} \text{ mm} \pm \boxed{01} \text{ mm}$

CORPORATE THEFTING ALLOWED ☐ YES ☒ NO

ENICLA ☒ ENIC

☒ **Yes**

☐ IMMERSION SILVER

☐ IMMERSION TIN
SMOOTH WITH SELECTIVE GOLD PLATING ON LANDS

INDICATED: 1 μ m GOLD OVER 5–10 μ m NICKEL

SOLDERMASK	IPC-3M-840 Class 1
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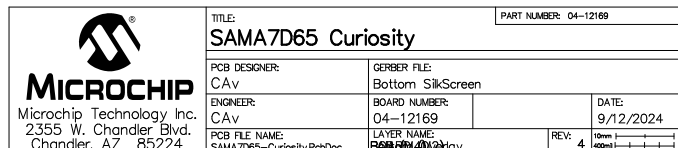
SOLDERMASK COLOR	RED HIGH GLOSS
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ALL HOLES TO BE LOCATED BY THE COORDINATES FROM THE NC DRILL DATA PROVIDED.

USE ARTWORK SET NO. 04-12169 PCB REV 4

ALL UL LOGO, MANUFACTURER'S ID, AND DATE CODES SHALL BE PLACED ON THE BOTTOM SIDE UNLESS OTHERWISE INDICATED.

ANY ALTERNATIVES TO THE ABOVE SPECIFICATIONS MUST FIRST BE APPROVED.



REV	ECO	Comments	Date

THIS PCB TO BE MANUFACTURED TO MEET ALL ACCEPTANCE LEVELS FROM CLASS 2:

STANDARD: ☒ IPC-A-600 ☒ IPC-6012 ☐ IPC-6013

MATERIAL: FR-4 or Equivalent ☒ TG 130-140 ☐ TG 170-180

☒ MULTILAYER ☒ 4 LAYERS ☒ CONTROLLED IMPEDANCE

☒ TH VIA ☐ BLIND VIA ☐ BURIED VIA

Cu WEIGHT EXTERNAL LAYERS FINISHED

Cu WEIGHT INTERNAL LAYERS FINISHED

FINISHED OVERALL THICKNESS mm \pm %

PCB OUTLINE WIDTH mm \pm mm

PCB OUTLINE HEIGHT mm \pm mm

COPPER THIEVING ALLOWED ☐ YES ☒ NO

FINISH: ☒ ENIG

☐ IMMERSION SILVER

☐ IMMERSION TIN

☐ SMOBC WITH SELECTIVE GOLD PLATING ON LANDS

☐ INDICATED. 1um GOLD OVER 5-10 um NICKEL

SOLDERMASK

SOLDERMASK COLOR

SILKSCREEN COLOR

ALL HOLES TO BE LOCATED BY THE COORDINATES FROM THE NC DRILL DATA PROVIDED.

USE ARTWORK SET NO. PCB REV

ALL UL LOGO, MANUFACTURER'S ID, AND DATE CODES SHALL BE PLACED

ON THE BOTTOM SIDE UNLESS OTHERWISE INDICATED.

ANY ALTERNATIVES TO THE ABOVE SPECIFICATIONS MUST FIRST BE APPROVED.

TITLE: SAMA7D65 Curiosity		PART NUMBER: 04-12169	
PCB DESIGNER: CAV	GERBER FILE: Drill Drawing		
ENGINEER: CAV	BOARD NUMBER: 04-12169	DOCUMENT NUMBER: 04-12169_FAB-D	DATE: 9/12/2024
PCB FILE NAME: SAMA7D65-CuriosityPcbDoc	LAYER NAME: BOARD (1/2)	REV: 4	10mm 40mm



Symbol	Hit	Count	Finished Hole Size	Hole Tolerance	Plated	Hole Type
◇			1.10mm	+/-0.08mm	NPTH	Round
B			1.10mm	+/-0.05mm	NPTH	Round
X			1.10mm		NPTH	Round
A			1.60mm	+/-0.05mm	NPTH	Round
▽			1.60mm	+/-0.08mm	NPTH	Round
☆			1.60mm		NPTH	Round
J			1.85mm		PTH	Round
K			1.85mm	+/-0.08mm	PTH	Round
⊕			2.60mm		NPTH	Round
□			3.50mm		PTH	Round
D		2	0.60mm		PTH	Slot
I		2	0.60mm		PTH	Slot
H		2	0.60mm		PTH	Slot
C		2	0.65mm		PTH	Slot
F		2	1.00mm		PTH	Slot
▽		2	1.60mm		PTH	Round
☆		2	2.05mm		PTH	Round
O		2	3.20mm		PTH	Round
⊕		2	3.25mm	+/-0.05mm	NPTH	Round
E		3	1.00mm		PTH	Slot
⊕		3	3.00mm		NPTH	Round
⊗		4	1.20mm		PTH	Round
⊗		4	2.30mm		PTH	Round
N		9	0.25mm		PTH	Round
M		9	0.30mm		PTH	Round
⊕		17	1.00mm		PTH	Round
O		20	1.07mm		PTH	Round
▽		32	0.89mm		PTH	Round
□		154	0.90mm		PTH	Round
P		302	0.15mm		PTH	Round
L		1233	0.20mm		PTH	Round
		1818 Total				

Slot definitions : Routed Path Length = Calculated from tool start centre position to tool end centre position.
Hole Length = Routed Path Length + Tool Size = Slot length as defined in the file

TITLE: SAMA7D65 Curiosity		PART NUMBER: 04-12169	
PCB DESIGNER: CAV	GERBER FILE: Drill Drawing		
ENGINEER: CAV	BOARD NUMBER: 04-12169	DOCUMENT NUMBER: 04-12169_FAB-D	DATE: 9/12/2024
PCB FILE NAME: SAMA7D65-CuriosityPcbDoc	LAYER NAME: BOARD (1/2)	REV: 4	10mm 40mm



TITLE: SAMA7D65 Curiosity		PART NUMBER: 04-12169	
PCB DESIGNER: CAV	GERBER FILE: Drill Drawing		
ENGINEER: CAV	BOARD NUMBER: 04-12169	DOCUMENT NUMBER: 04-12169_FAB-D	DATE: 9/12/2024
PCB FILE NAME: SAMA7D65-CuriosityPcbDoc	LAYER NAME: BOARD (1/2)	REV: 4	10mm 40mm

