

A

B

C

D

Fujitsu ESP Home

Dimensions are in millimeters

PCB Characteristics	
Dimensions : 24 x 24 mm	Surface finish : Selective Che Ni/Au
Substract : FR4 Improved TG 145-150 degC	Overlay : Top & Bottom side
Soldermask : Top & Bottom side	Overlay color : White
Soldermask color : Green	Holes tolerance : +/- 0.1mm except vias

External layers thicknesses are given after plating.
Board thickness is only informative and is given before pressing.

Layer	Name	Material	Thickness	Constant	Gerber	Board Layer Stack
	Top Overlay				GTO	
	Top Solder	Solder Resist	0.010mm	3.5	GTS	
1	Top Layer		0.035mm		GTL	
	Dielectric 1	FR-4	0.360mm	4.8		
2	Layer 2		0.035mm		G1	
	Dielectric 2	FR-4	0.710mm	4.8		
3	Layer 3		0.035mm		G2	
	Dielectric 3	FR-4	0.360mm	4.8		
4	Bottom Layer		0.035mm		GBL	
	Bottom Solder	Solder Resist	0.010mm	3.5	GBS	
	Bottom Overlay				GB0	

Total board thickness: 1.590mm

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Toulouse
France

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DATE:
06/10/2025

VARIANT:
Proto

PROJET:
AF-HOME-001

BOARD REF:
E3-HOME-AB01

LAYER:
PCB Characteristics

PAGE:
1/1

SCALE: 1.00

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A

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C

D

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A

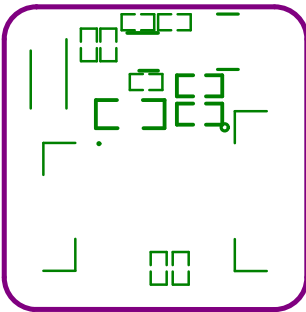
A

B

B

C

C



D

D

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DATE:
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VARIANT:
Proto

PROJET:
AF—HOME—001

BOARD REF:
E3—HOME—AB01

LAYER:
Top Overlay

PAGE:
1/1

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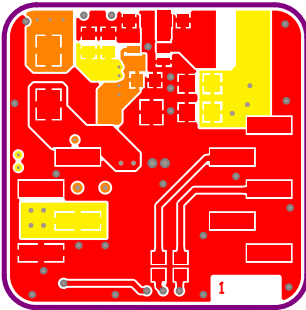
A

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B

C

C



D

D

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	<div>DATE:</div> <div>06/10/2025</div>	<div>BOARD REF:</div> <div>E3—HOME—AB01</div>		
	<div>VARIANT:</div> <div>Proto</div>	<div>LAYER:</div> <div>Top Layer</div>	<div>PAGE:</div> <div>1/1</div>	<div>SCALE:</div> <div>1.00</div>

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A

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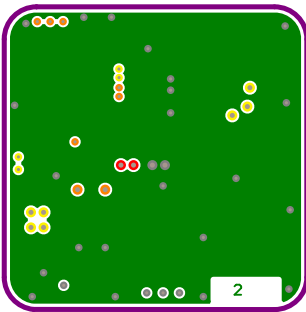
B

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AF—HOME—001

Kiwi road
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DATE:
06/10/2025

VARIANT:
Proto

BOARD REF:
E3—HOME—AB01

LAYER:
Layer 2

PAGE:
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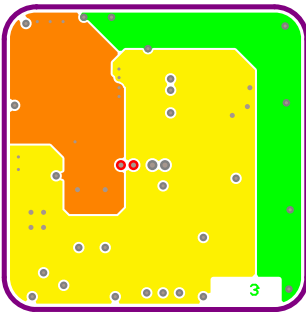
B

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PROJET:
AF—HOME—001

BOARD REF:
E3—HOME—AB01

LAYER:
Layer 3

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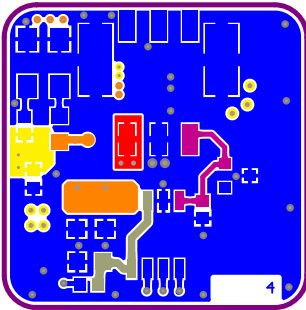
A

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	<div>DATE:</div> <div>06/10/2025</div>	<div>BOARD REF:</div> <div>E3—HOME—AB01</div>		
	<div>VARIANT:</div> <div>Proto</div>	<div>LAYER:</div> <div>Bottom Layer</div>	<div>PAGE:</div> <div>1/1</div>	<div>SCALE:</div> <div>1.00</div>

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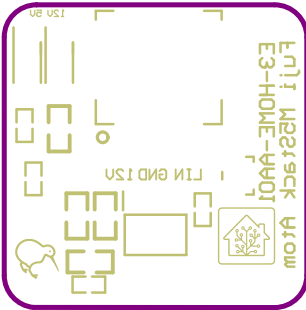
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AF—HOME—001

BOARD REF:
E3—HOME—AB01

LAYER:
Bottom Overlay

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