

Material Type: 170c FR4  
Layer Count: 4  
Finished Material Thickness: .062"  
Copper Cu Weight: 1/2 plated to 1 oz outer, 1 oz inner  
Surface Finish: Immersion Silver  
Trace/Space Minimum: .006"  
Solder Mask: 2-Sides LPI

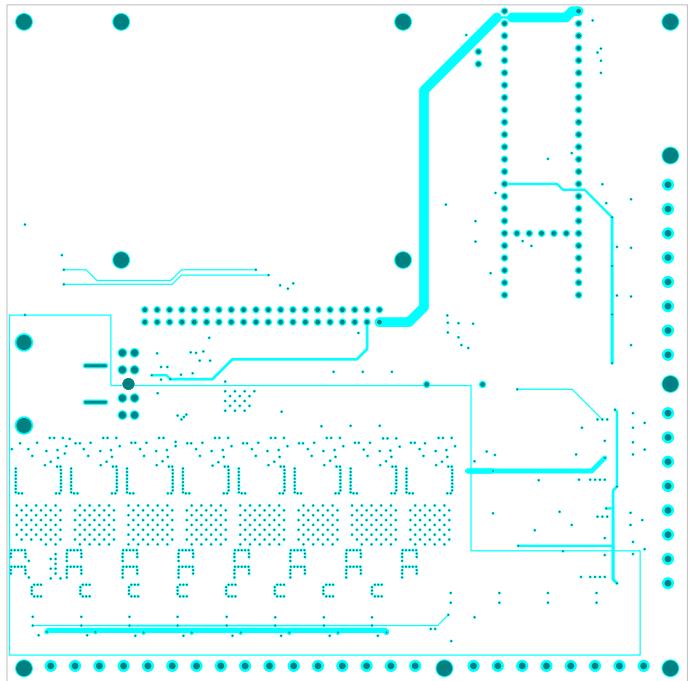
IDColor: White

Fab Specification: IPC-600  
Plated Slots: None  
Unplated Slots: None  
Notches: None  
Cutouts: None  
Adjust masking undersize as needed for process  
Allow clipping in text layer  
Board Outline: Dimension lines for reference only  
Use Gerber outline  
Technical Contact: Ward Ramsdell ward@rds-or.com  
Cell - 503-806-2120

#### LAYER STACKUP - 4 LAYER

SILKSCREEN (TOP SIDE)	White LPI
SOLDERMASK (TOP SIDE)	Green LPI
LAYER 1 (TOP)	Plating Immersion Silver 1oz. COPPER + plating Adjust as needed
LAYER 2	1 oz. COPPER
LAYER 3	CORE: Adjust as needed to achieve board thickness 1 oz. COPPER Adjust as needed
LAYER 4 (BOTTOM)	Plating Immersion Silver 1oz. COPPER + plating Adjust as needed
SOLDERMASK (BOTTOM SIDE)	Green LPI
SILKSCREEN (BOTTOM SIDE)	

Ramsdell Design Services, LLC	LAYER:
7756 SW Cirrus Drive Beaverton, OR 97008 503) 806-2120	BOARD NAME: Power Distribution Gateway, High Voltage
	BOARD NUMBER: RL0001 REVISION: B
THIS DRAWING CONTAINS PROPRIETARY INFORMATION AND SHALL NOT BE USED WITHOUT WRITTEN PERMISSION FROM RAMSDELL DESIGN SERVICES	PROJECT NAME: Revolution Lighting
COMPONENT SIDE VIEW	DESIGNER: W. Ramsdell ENGINEER:



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LAYER 3	Core: Adjust as needed to achieve board thickness 1 oz. COPPER Adjust as needed
LAYER 4 (BOTTOM)	Plating Immersion Silver 1oz. COPPER + plating Adjust as needed
SOLDERMASK (BOTTOM SIDE)	Green LPI
SILKSCREEN (BOTTOM SIDE)	

Ramsdell Design Services, LLC

7756 SW Cirrus Drive

Beverton, OR 97005

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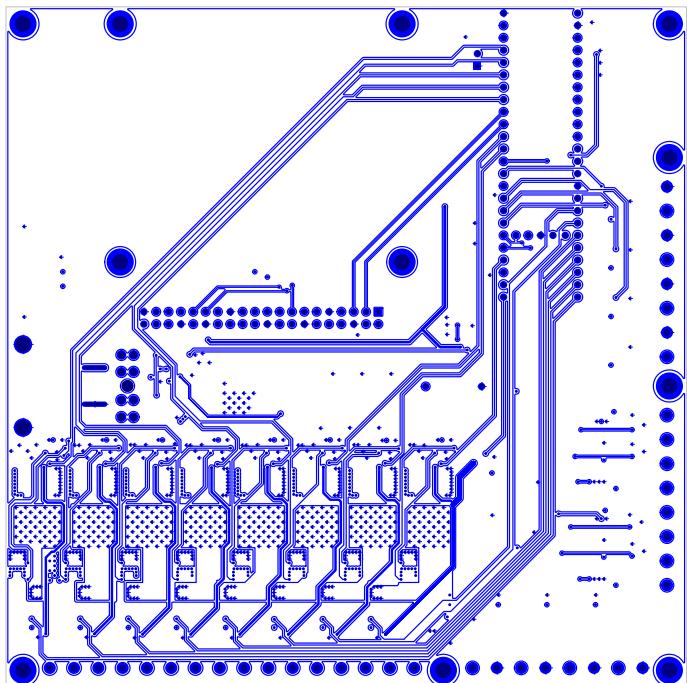
LAYER: BOARD NAME: Power Distribution Gateway, High Voltage

BOARD NUMBER: RL0001 REVISION: B

PROJECT NAME: Revolution Lighting

DESIGNER: W. Ramsdell ENGINEER:

COMPONENT SIDE VIEW



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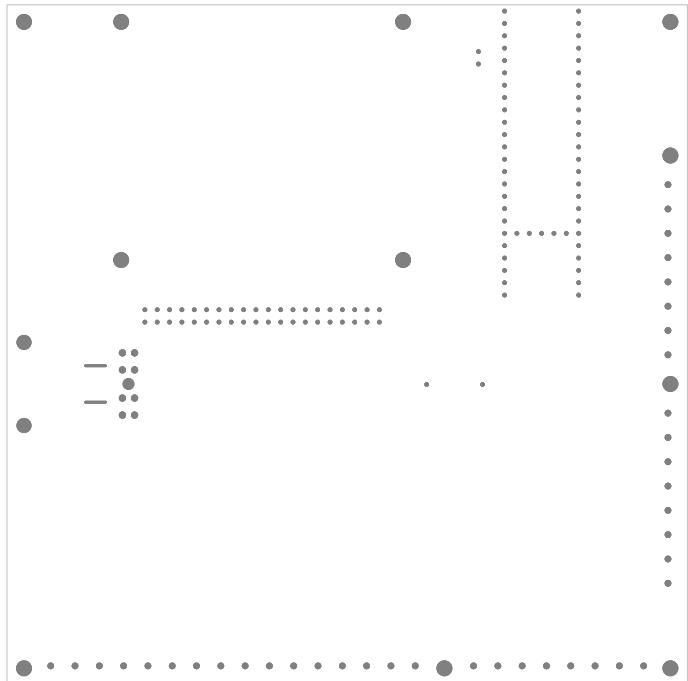
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#### LAYER STACKUP - 4 LAYER

SILKSCREEN (TOP SIDE)	White LPI
SOLDERMASK (TOP SIDE)	Green LPI
LAYER 1 (TOP)	Plating: Immersion Silver Core: Adjust as needed
LAYER 2	Plating: Immersion Silver Core: Adjust as needed
LAYER 3	Plating: Immersion Silver Core: Adjust as needed
LAYER 4 (BOTTOM)	Plating: Immersion Silver Core: Adjust as needed
SOLDERMASK (BOTTOM SIDE)	Green LPI
SILKSCREEN (BOTTOM SIDE)	

Ramsdell Design Services, LLC	LAYER: BOTTOM (6) SILKSCREEN-BOTTOM
7756 SW Cirrus Drive Beaverton, OR 97008 503-806-2120	BOARD NAME: Power Distribution Gateway, High Voltage
	BOARD NUMBER: RL0001 REVISION: B
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COMPONENT SIDE VIEW	DESIGNER: W. Romsdell ENGINEER:



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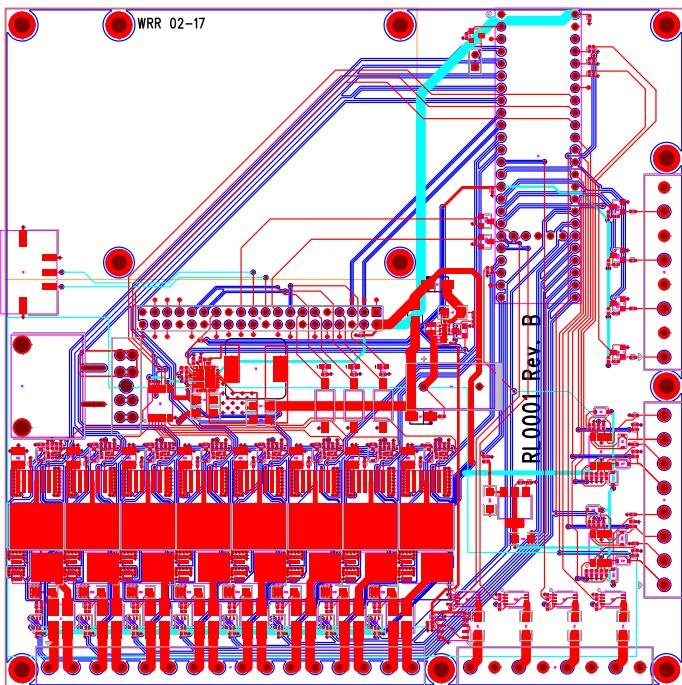
IDColor: White

Fab Specification: IPC-600  
Plated Slots: None  
Unplated Slots: None  
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Cutouts: None  
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#### LAYER STACKUP - 4 LAYER

SILKSCREEN (TOP SIDE)	White LPI
SOLDERMASK (TOP SIDE)	Green LPI
LAYER 1 (TOP)	Plating Immersion Silver 1oz. COPPER + plating Adjust as needed
LAYER 2	1 oz. COPPER
LAYER 3	Core: Adjust as needed to achieve board thickness 1 oz. COPPER Adjust as needed
LAYER 4 (BOTTOM)	Plating Immersion Silver 1oz. COPPER + plating Adjust as needed
SOLDERMASK (BOTTOM SIDE)	Green LPI
SILKSCREEN (BOTTOM SIDE)	

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LAYER 1 (TOP)	Plating Immersion Silver 1oz. COPPER + plating Adjust as needed
LAYER 2	1 oz. COPPER
LAYER 3	Core: Adjust as needed to achieve board thickness 1 oz. COPPER Adjust as needed
LAYER 4 (BOTTOM)	Plating: Immersion Silver 1oz. COPPER + plating Soldermask: Green LPI
SILKSCREEN (BOTTOM SIDE)	Black LPI

Ramsdell Design Services, LLC

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Beaverton, OR 97008  
(503) 806-2120

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PROJECT NAME: Revolution Lighting

LAYER: TOP BOTTOM (6)	SILKSCREEN-BOTTOM
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BOARD NAME: Power Distribution Gateway, High Voltage	REVISION: B
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BOARD NUMBER: RL0001	REVISION: B
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DESIGNER: W. Ramsdell	ENGINEER:
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COMPONENT SIDE VIEW	
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