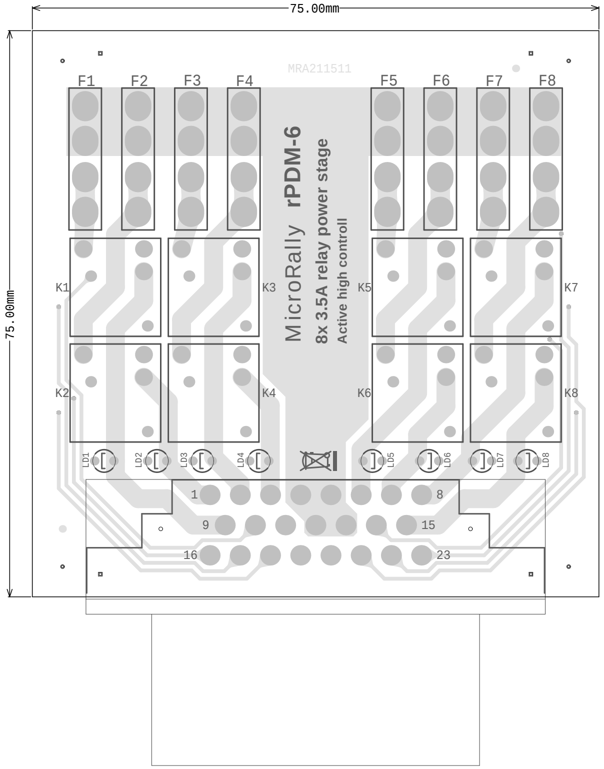
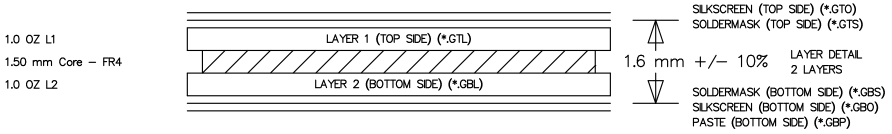
GERBER NOTES



Symbol	Count	Hole Size	Plated	Hole Type	Via/Pad
✜	7	0.300mm	PTH	Round	Via
◇	16	0.750mm	PTH	Round	Pad
✡	16	0.800mm	PTH	Round	Pad
⧈	4	1.152mm	NPTH	Round	Pad
▽	24	1.300mm	PTH	Round	Pad
□	23	1.600mm	PTH	Round	Pad
⌘	32	2.500mm	PTH	Round	Pad
○	2	2.850mm	NPTH	Round	Pad
◎	4	3.200mm	NPTH	Round	Pad
	128 Total				

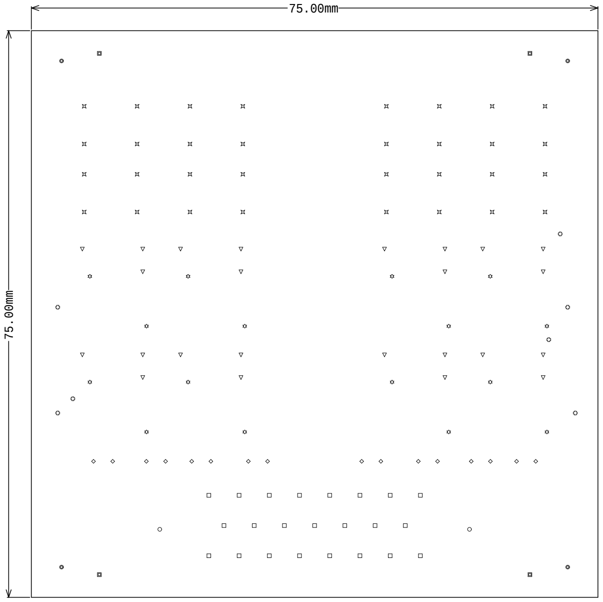


NOTES: (UNLESS OTHERWISE SPECIFIED)

1) THIS IS 2 LAYER BOARD
2) MATERIAL: FR4, TG 150 DEGREE C MIN
3) FR4 DIELECTRIC CONSTANT NOT SPECIFIED
4) FINISHED BOARD THICKNESS TO BE 1.60MM +/- 10%
5) TRACE WIDTHS IN ARTWORK ARE FINISHED SIZES
6) SEE FILM FOR LAYER SEQUENCE AND COPPER THICKNESSES (SHOWN BEFORE PLATING)
7) MIN TRACE/SPACE 0.60/0.25MM
8) SEE DRILL CHART FOR FINISHED HOLE SIZES
9) MIN DRILL 0.75MM
10) HOLE TOLERANCE IS +/-3MIL UNLESS OTHERWISE SPECIFIED
    HOLE COPPER THICKNESS MIN 0.7MIL
    SLOT TOLERANCE +/-0.1MM
    BORDER OUTLINE TOLERANCE +/-0.15MM
11) SURFACE PLATING: HASL, Pb FREE
12) SOLDERMASK: LPI, BOTH SIDES. COLOR GREEN
13) SILKSCREEN: TOP AND BOTTOM SIDE. COLOR WHITE
14) ALL BOARDS MUST BE ELECTRICALLY TESTED FOR ISOLATION (SHORTS) AND CONTINUNITY (OPENS)

Project: rPDM-6	
Author: Andis Jargans	Revision: 1
Date: 14.04.2021	Size: A4
File: rPDM-6_r1.PcbDoc	MicroRally

GERBER NOTES



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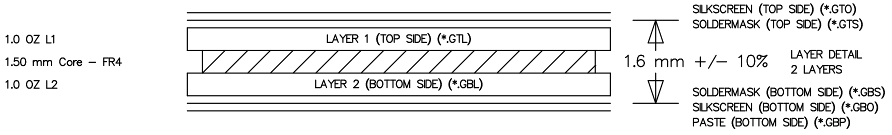
	128 Total				



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Project: rPDM-6	
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Date: 14.04.2021	Size: A4
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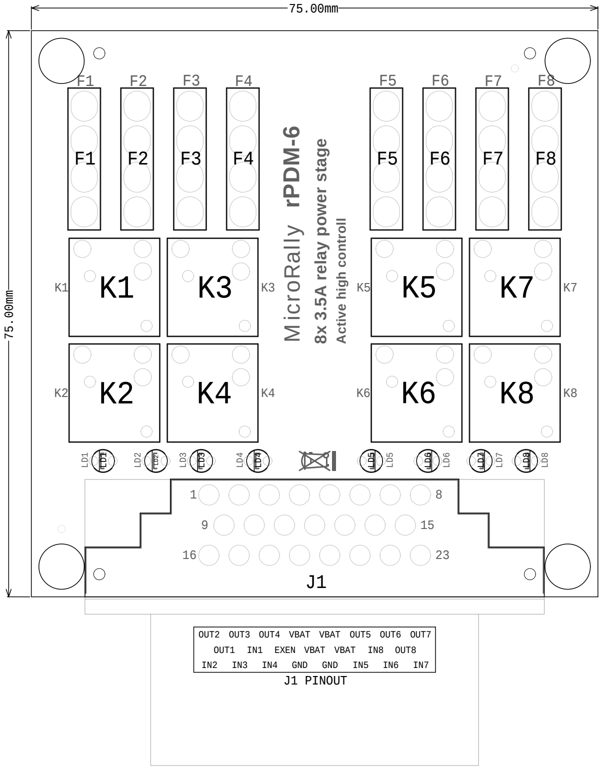
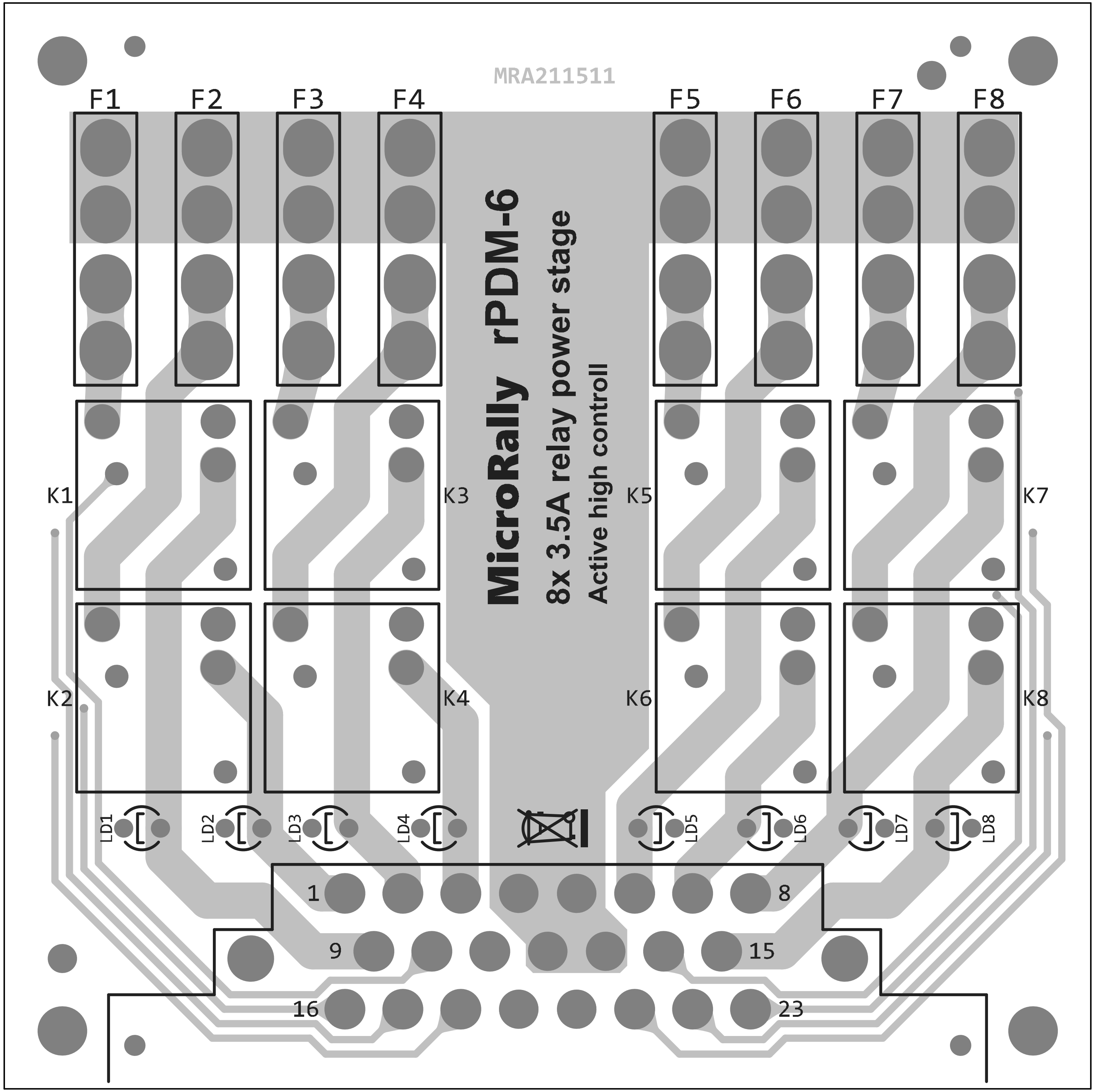
ASSEMBLY NOTES

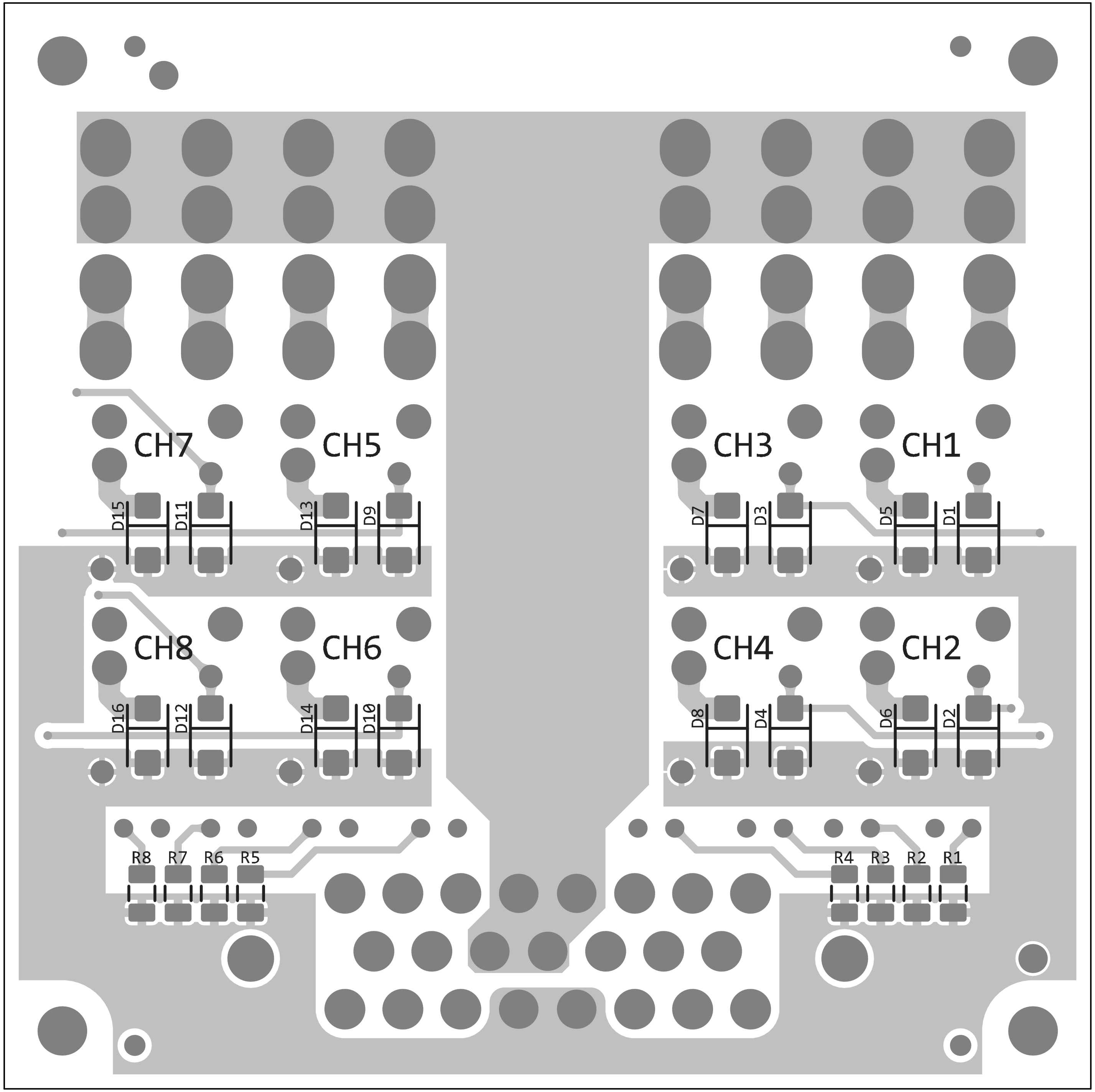


OUT2	OUT3	OUT4	VBAT	VBAT	OUT5	OUT6	OUT7
OUT1	IN1	EXEN	VBAT	VBAT	IN8	OUT8	
IN2	IN3	IN4	GND	GND	IN5	IN6	IN7

J1 PINOUT

Project: rPDM-6	
Author: Andis Jargans	Revision: 1
Date: 14.04.2021	Size: A4
File: rPDM-6_r1.PcbDoc	MicroRally


MRA211511
F1
F2
F3
F4
F5
F6
F7
F8
MicroRally rPDM-6
8x 3.5A relay power stage
Active high controll
K1
K3
K5
K7
K2
K4
K6
K8
LD1
LD2
LD3
LD4
LD5
LD6
LD7
LD8
1
8
9
15
16
23


CH7
CH5
CH3
CH1
D15
D11
D13
D9
D7
D3
D5
D1
CH8
CH6
CH4
CH2
D16
D12
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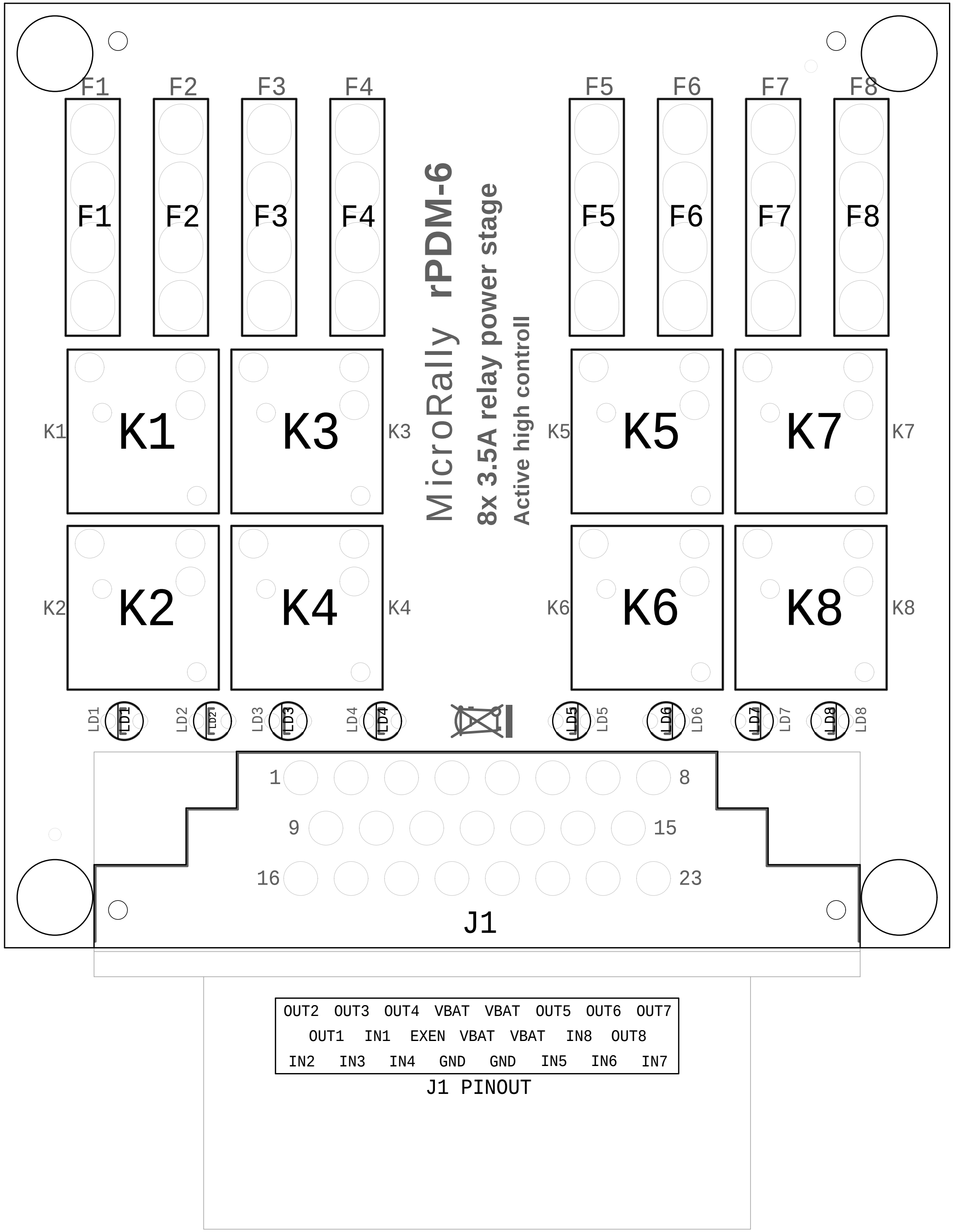
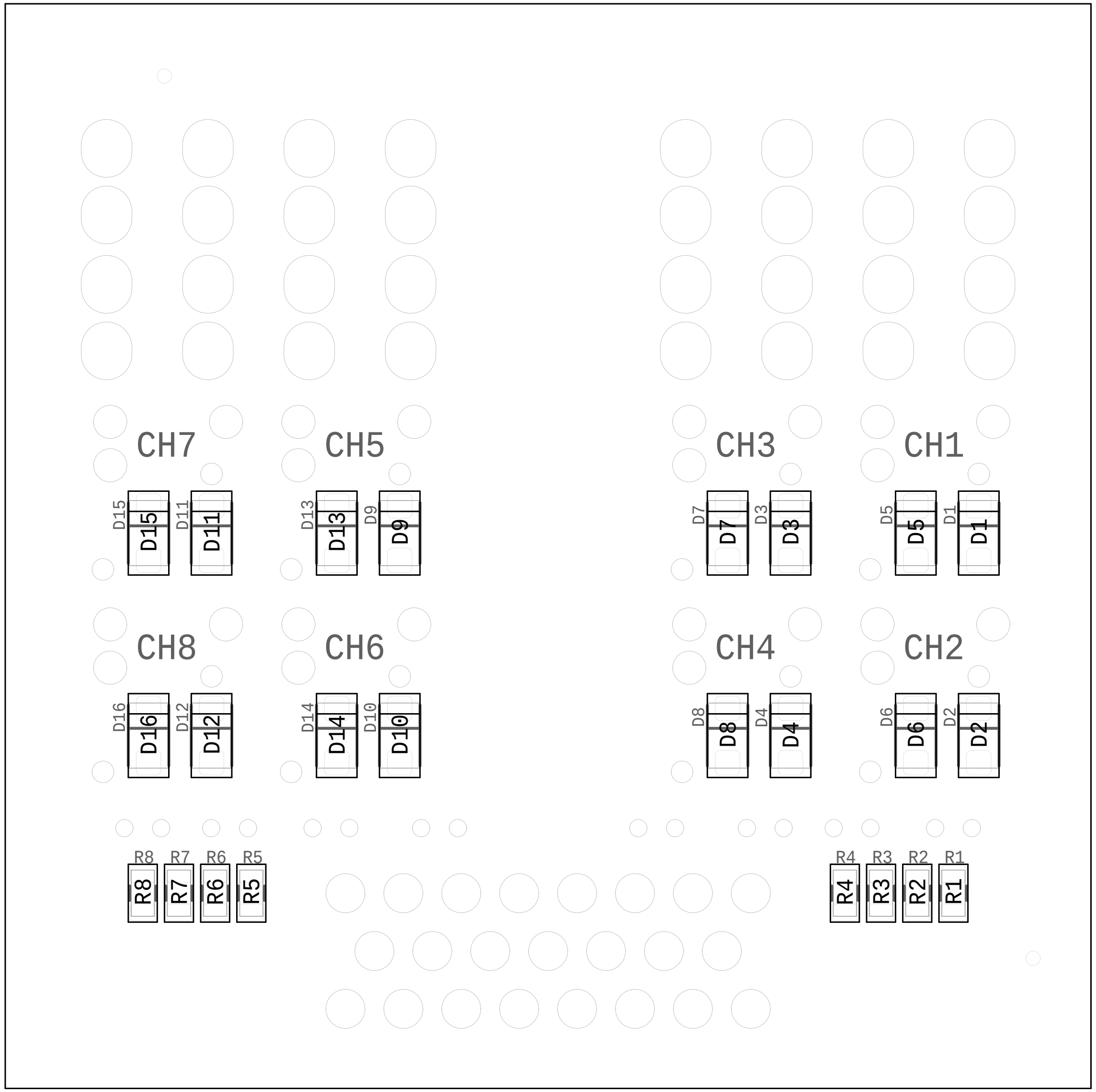
D2
R8
R7
R6
R5
R4
R3
R2
R1



OUT2 OUT3 OUT4 VBAT VBAT OUT5 OUT6 OUT7
OUT1 IN1 EXEN VBAT VBAT IN8 OUT8
IN2 IN3 IN4 GND GND IN5 IN6 IN7

J1 PINOUT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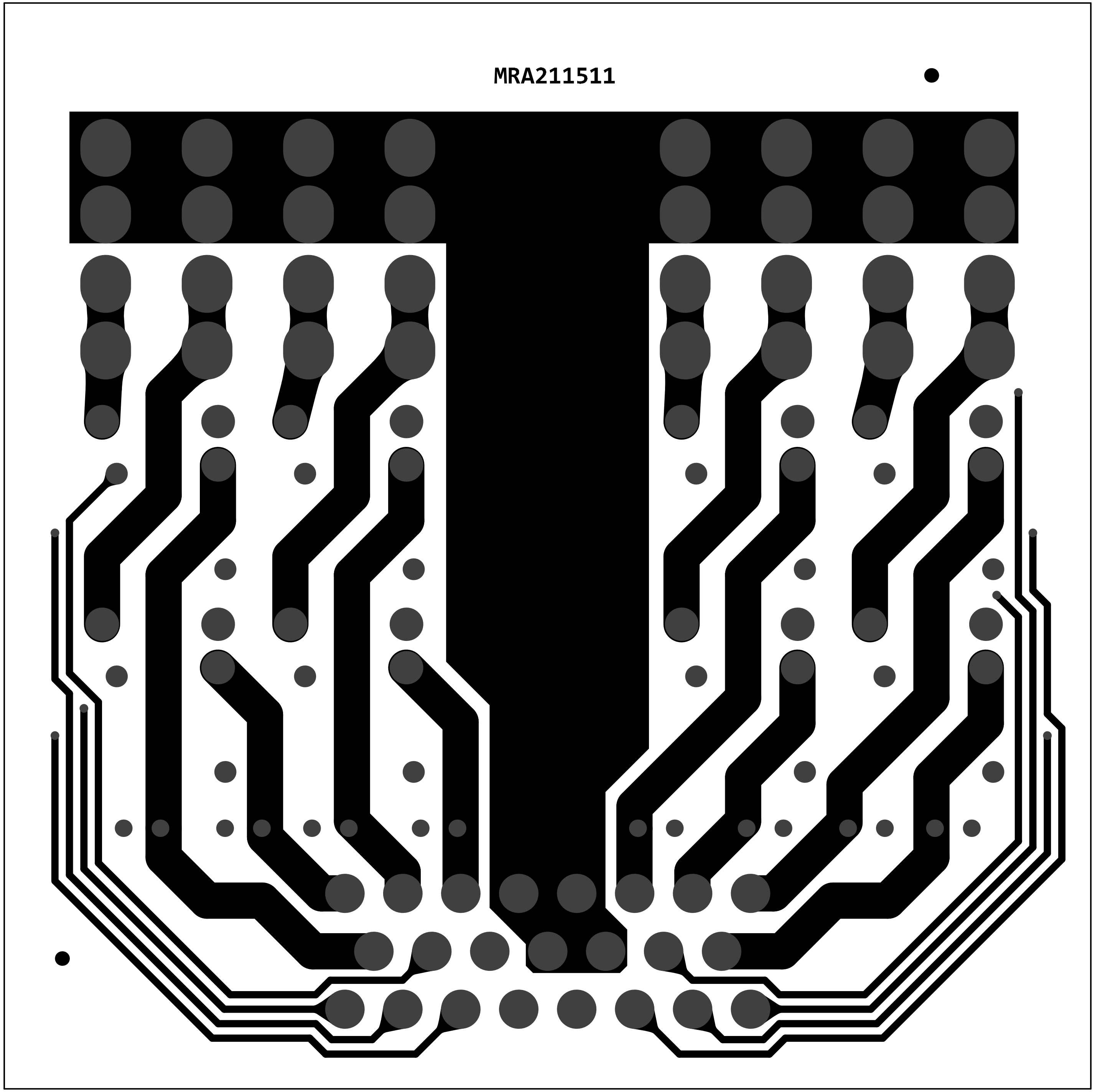
CH5
CH3
CH1
D15
D11
D13
D9
D7
D3
D5
D1
CH8
CH6
CH4
CH2
D16
D12
D14
D10
D8
D4
D6
D2
R8
R7
R6
R5
R4
R3
R2
R1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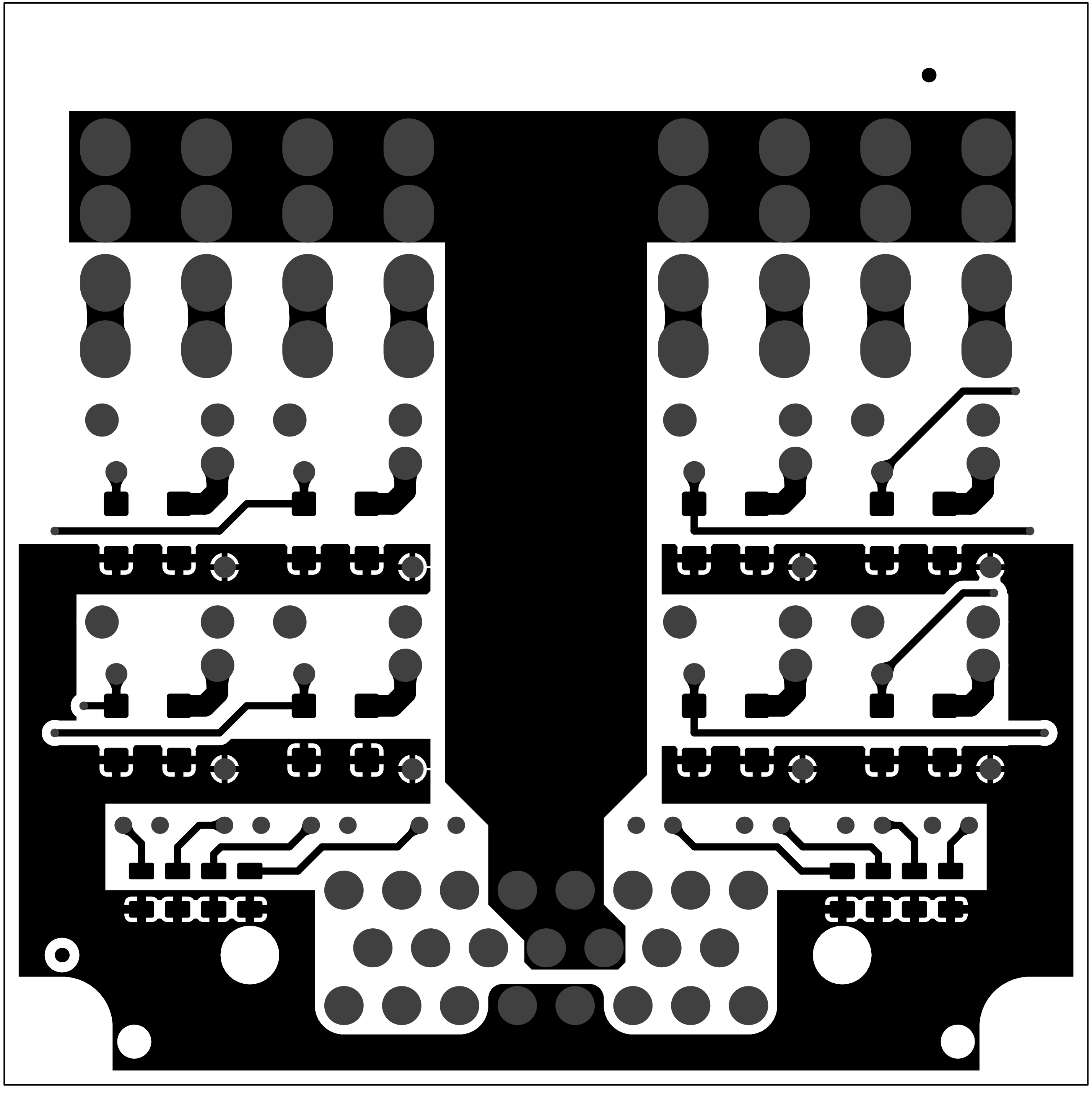

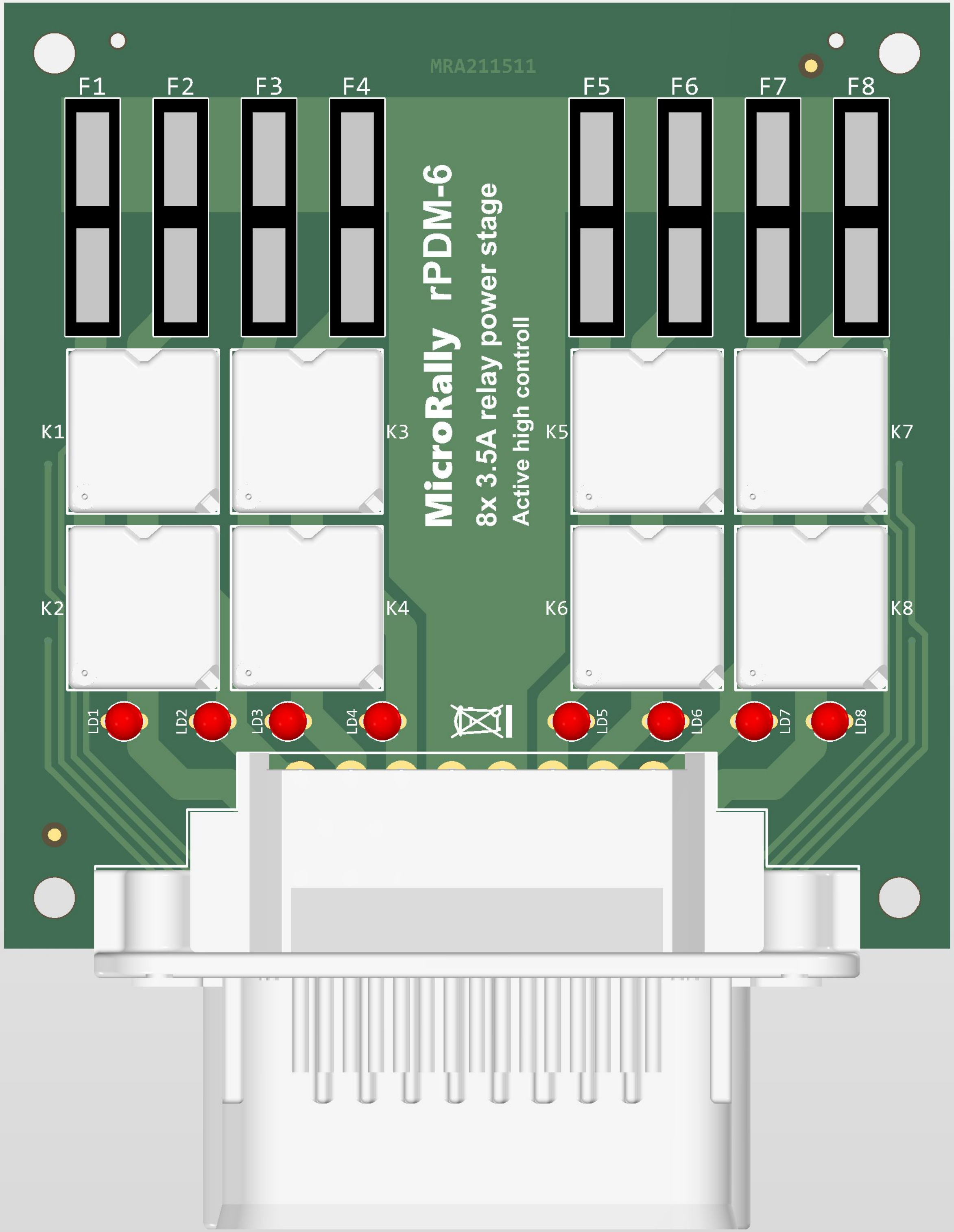
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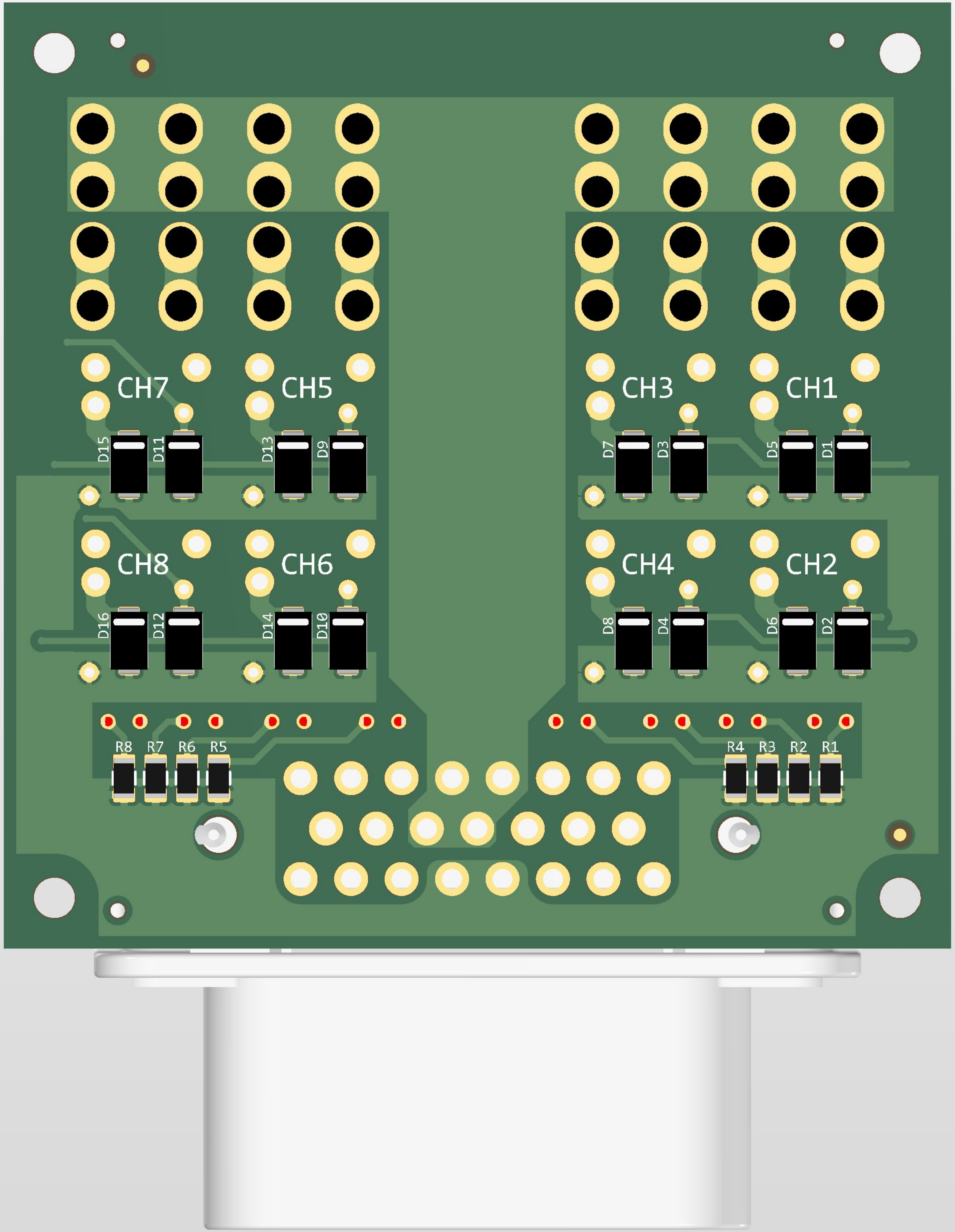
LD4
LD5
LD6
LD7
LD8


CH7
CH5
CH3
CH1
D15
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D3
D5
D1
CH8
CH6
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D16
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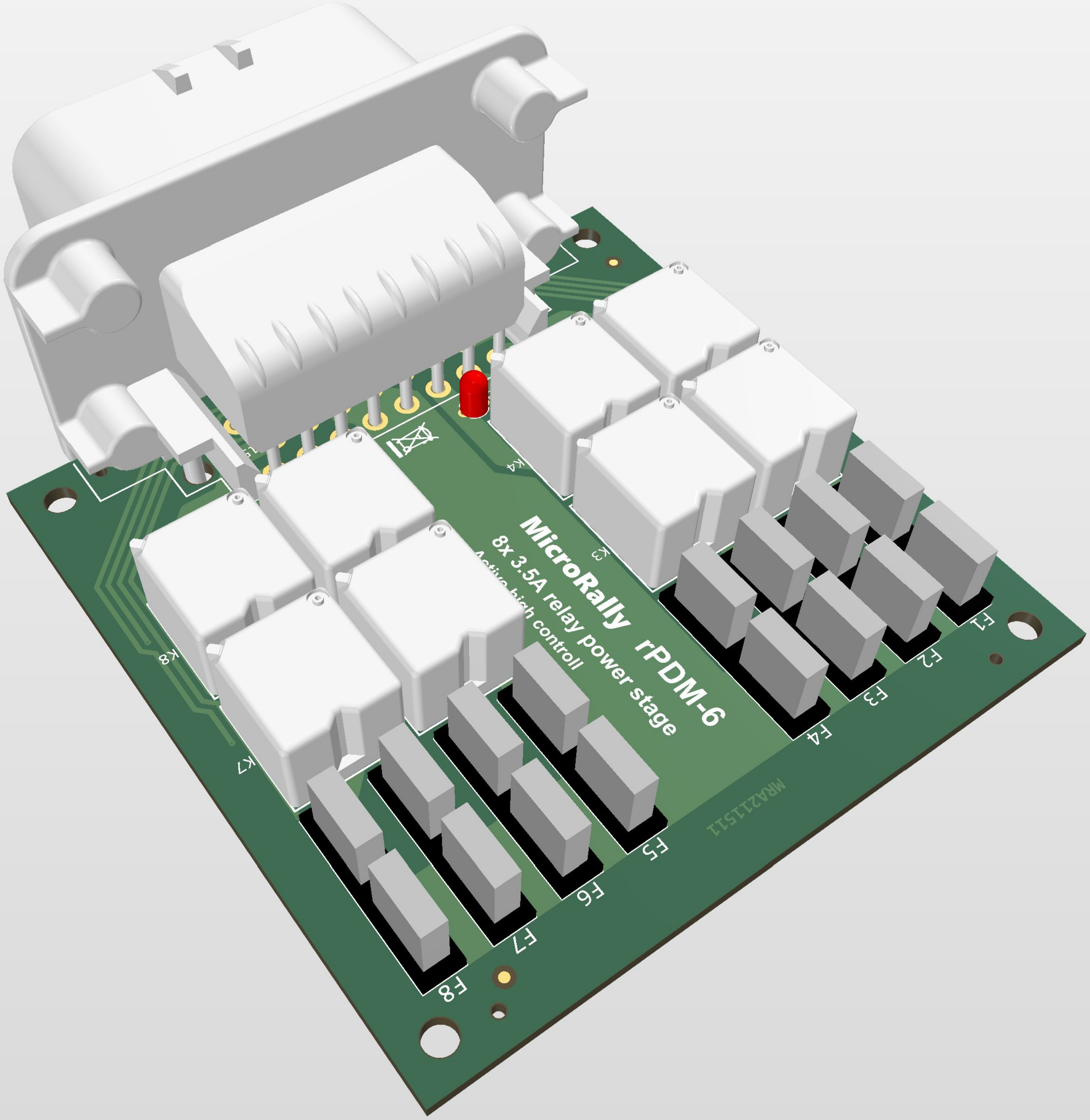
R5
R4
R3
R2
R1


MicroRally rPDM-6
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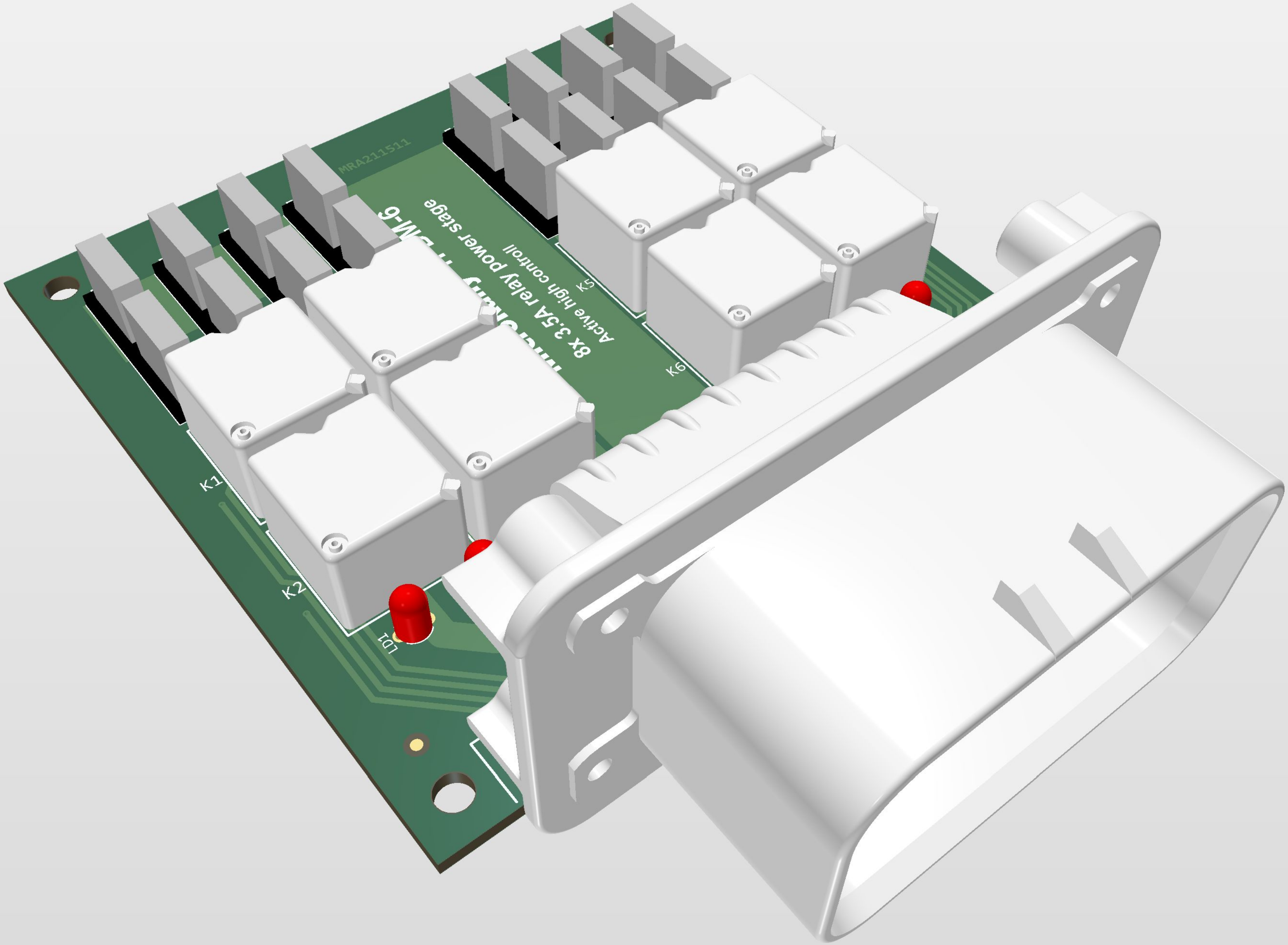
MRA21511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