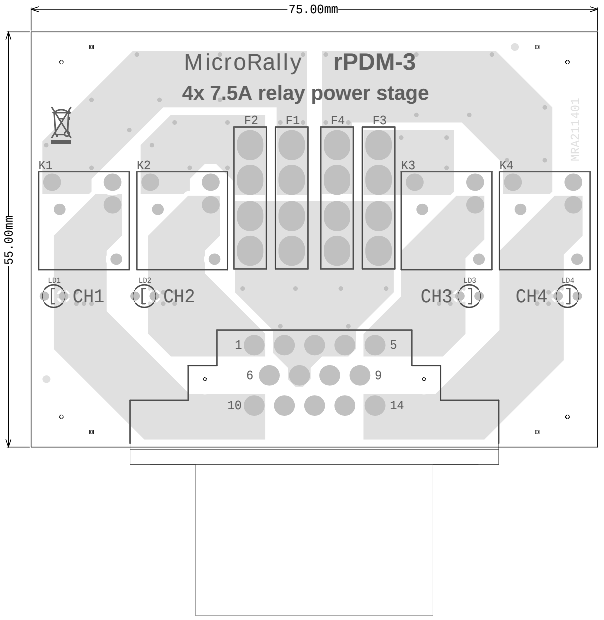
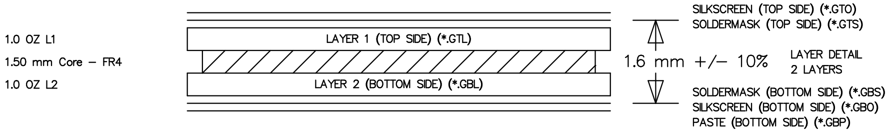
GERBER NOTES



Symbol	Count	Hole Size	Plated	Hole Type	Via/Pad
◇	51	0.300mm	PTH	Round	Via
⌘	8	0.750mm	PTH	Round	Pad
○	8	0.800mm	PTH	Round	Pad
▣	4	1.152mm	NPTH	Round	Pad
□	12	1.300mm	PTH	Round	Pad
✧	14	1.600mm	PTH	Round	Pad
▽	16	2.500mm	PTH	Round	Pad
✡	2	2.850mm	NPTH	Round	Pad
✚	4	3.200mm	NPTH	Round	Pad
	119 Total				

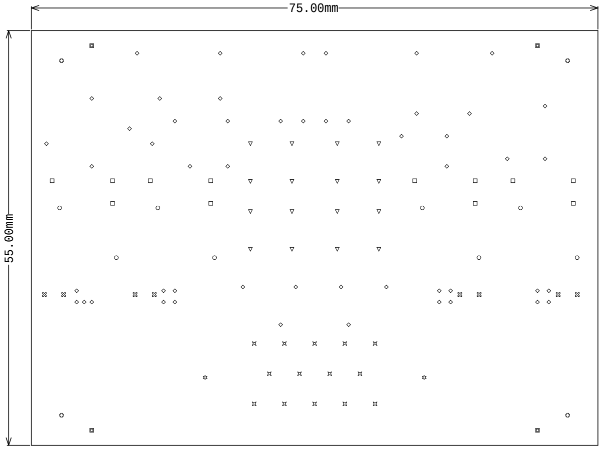


NOTES: (UNLESS OTHERWISE SPECIFIED)

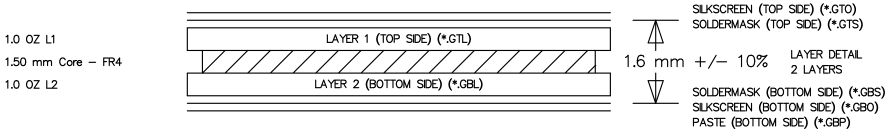
1) THIS IS 2 LAYER BOARD
2) MATERIAL: FR4, TG 150 DEGREE C MIN
3) FR4 DIELECTRIC CONSTANT NOT SPECIFIED
4) FINISHED BOARD THICKNESS TO BE 1.60MM +/- 10%
5) TRACE WIDTHS IN ARTWORK ARE FINISHED SIZES
6) SEE FILM FOR LAYER SEQUENCE AND COPPER THICKNESSES (SHOWN BEFORE PLATING)
7) MIN TRACE/SPACE 0.60/0.25MM
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-3	
Author: Andis Jargans	Revision: 1
Date: 08.04.2021	Size: A4
File: rPDM-3_r1.PcbDoc	MicroRally

GERBER NOTES



Symbol	Count	Hole Size	Plated	Hole Type	Via/Pad
◇	51	0.300mm	PTH	Round	Via
⌘	8	0.750mm	PTH	Round	Pad
○	8	0.800mm	PTH	Round	Pad
▣	4	1.152mm	NPTH	Round	Pad
□	12	1.300mm	PTH	Round	Pad
✧	14	1.600mm	PTH	Round	Pad
▽	16	2.500mm	PTH	Round	Pad
✡	2	2.850mm	NPTH	Round	Pad
✚	4	3.200mm	NPTH	Round	Pad
	119 Total				



NOTES: (UNLESS OTHERWISE SPECIFIED)

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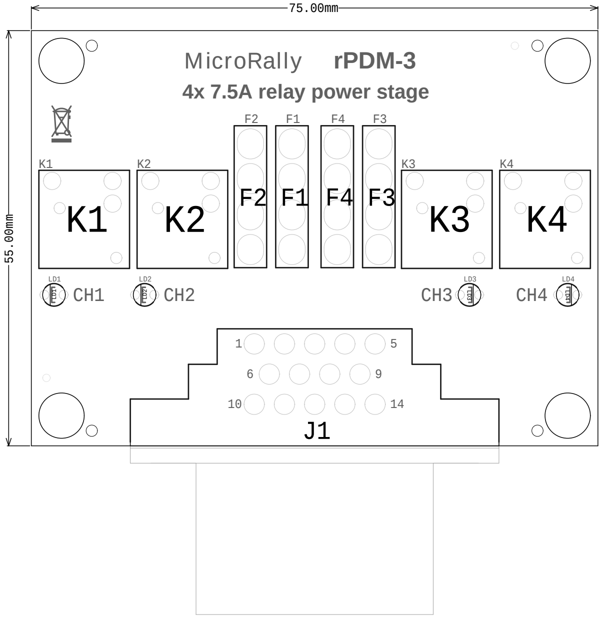
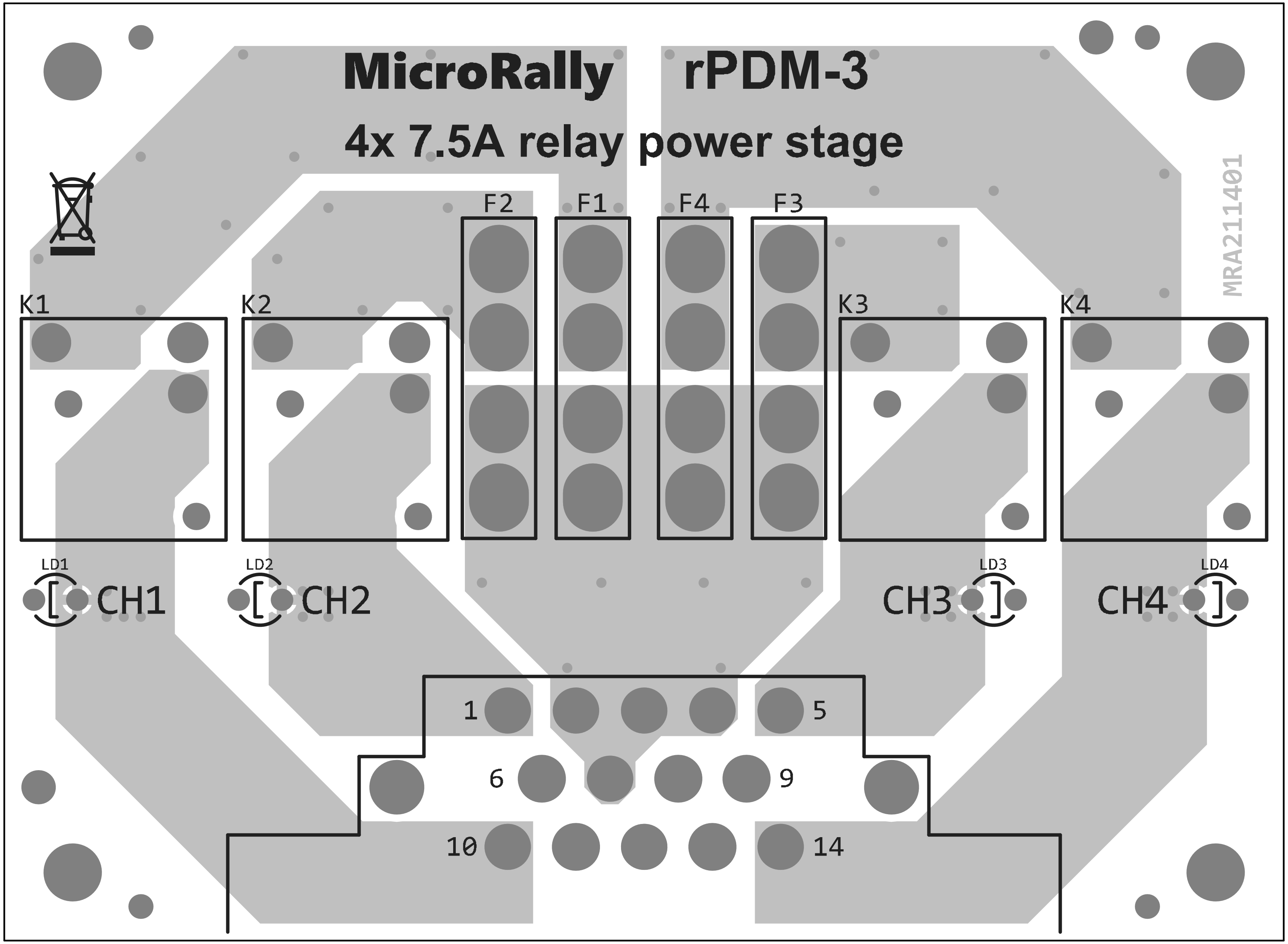
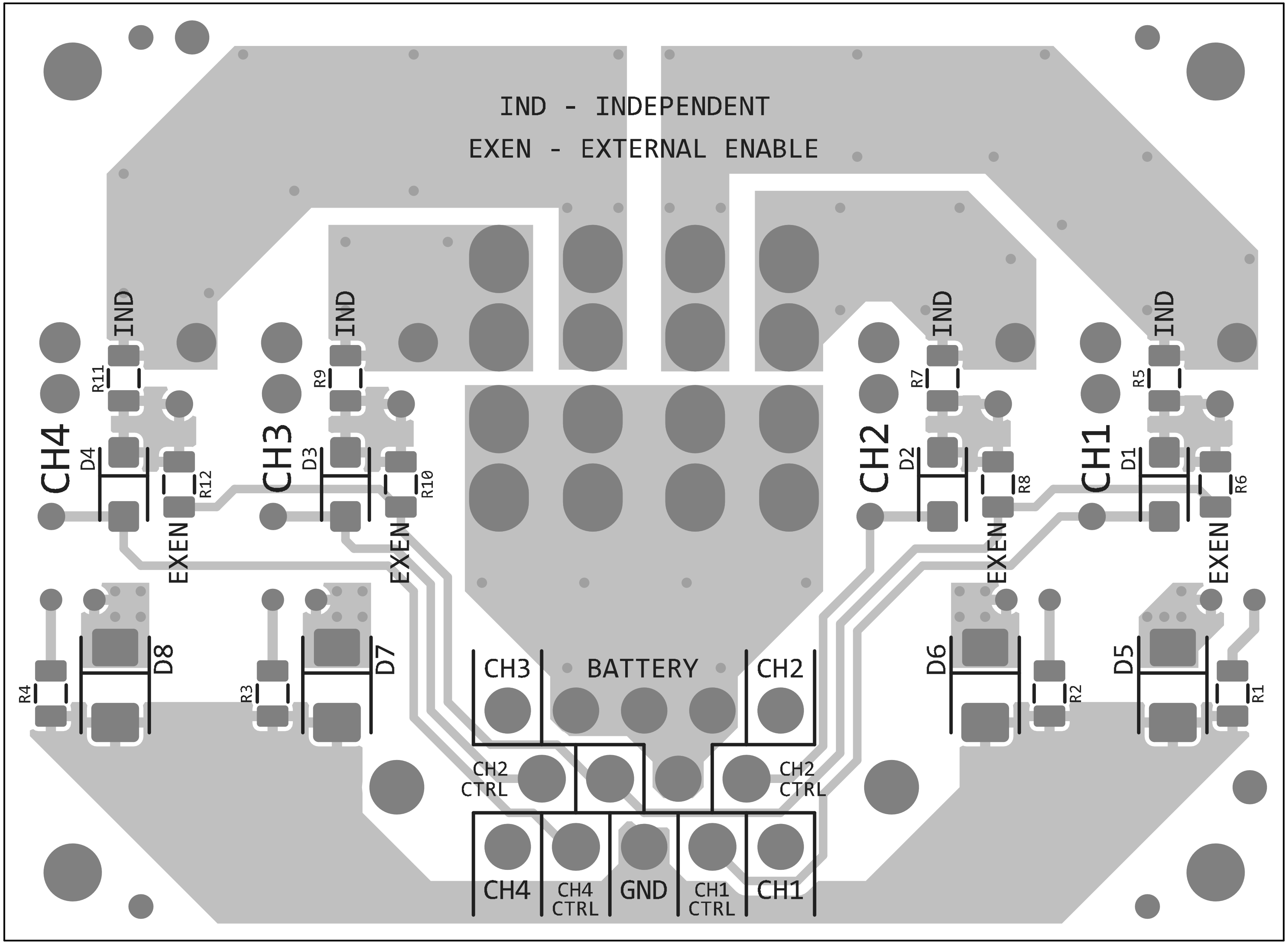
Project: rPDM-3	
Author: Andis Jargans	Revision: 1
Date: 08.04.2021	Size: A4
File: rPDM-3_r1.PcbDoc	MicroRally

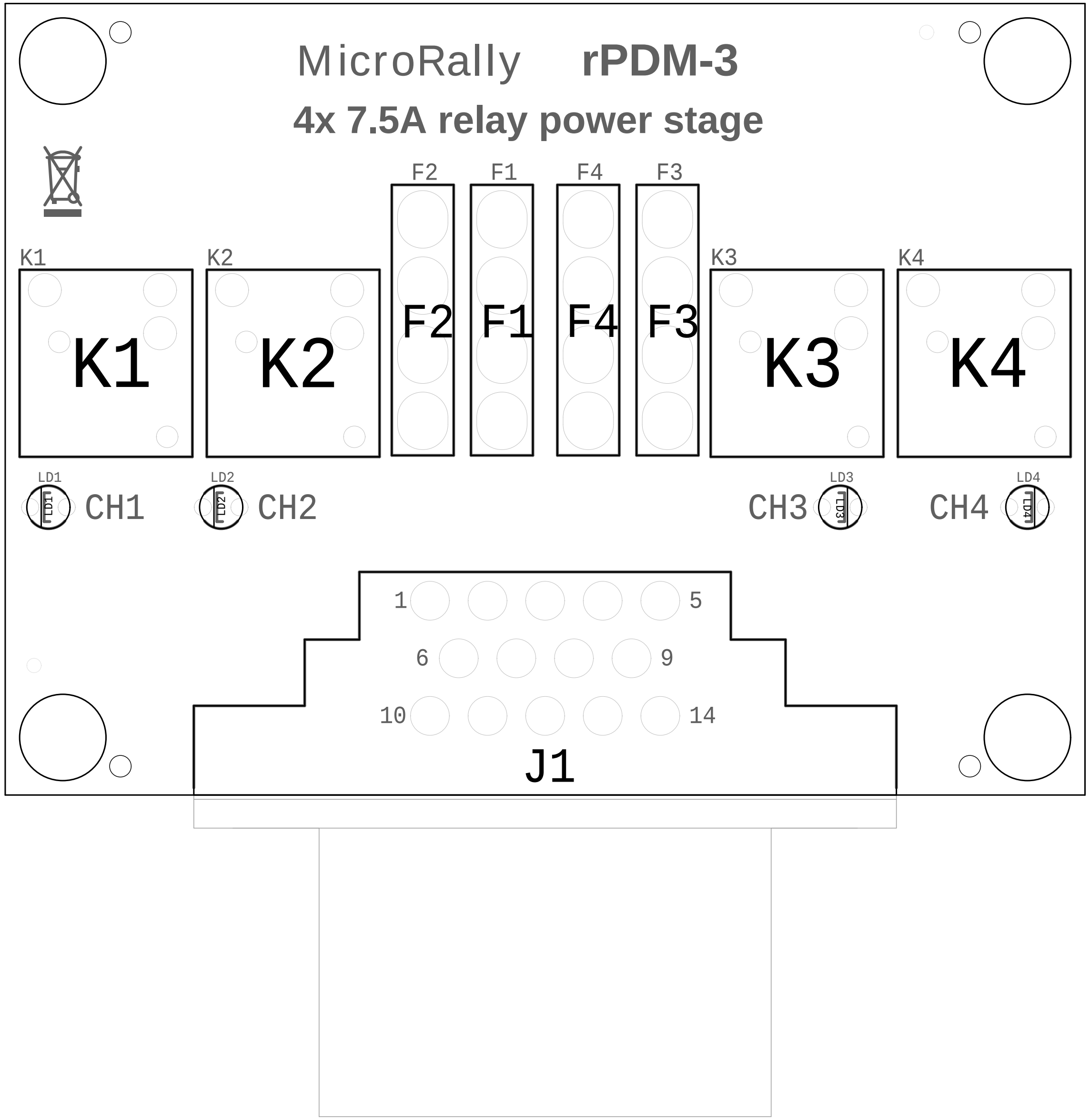
ASSEMBLY NOTES

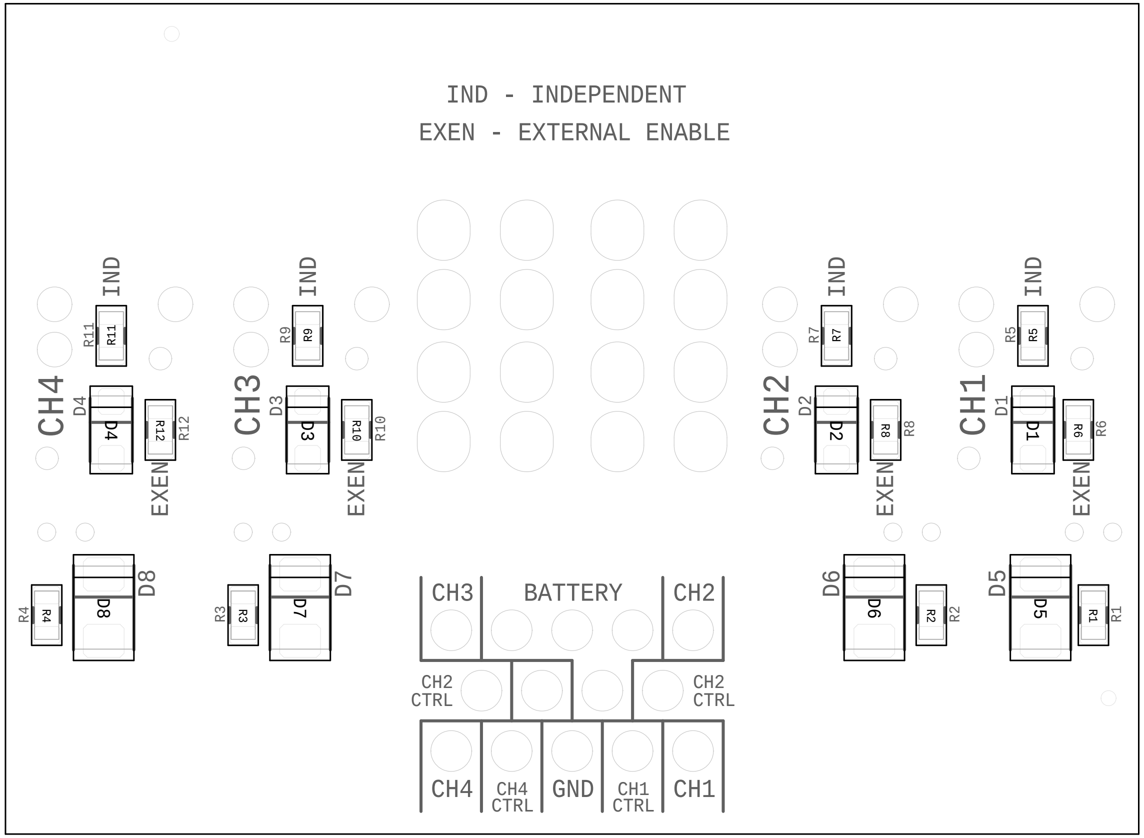


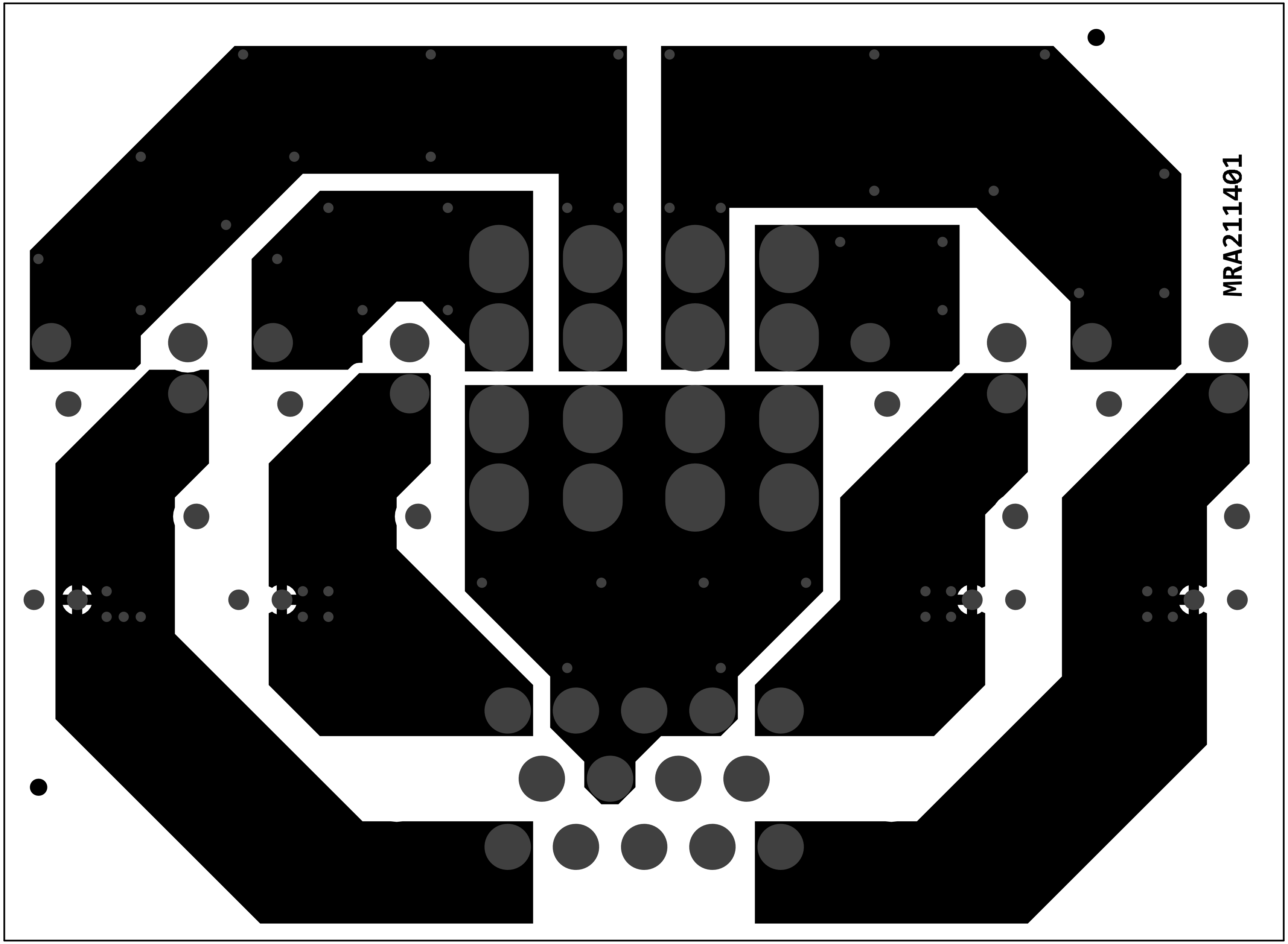
Project: rPDM-3	
Author: Andis Jargans	Revision:1
Date: 08.04.2021	Size: A4
File: rPDM-3_r1.PcbDoc	MicroRally

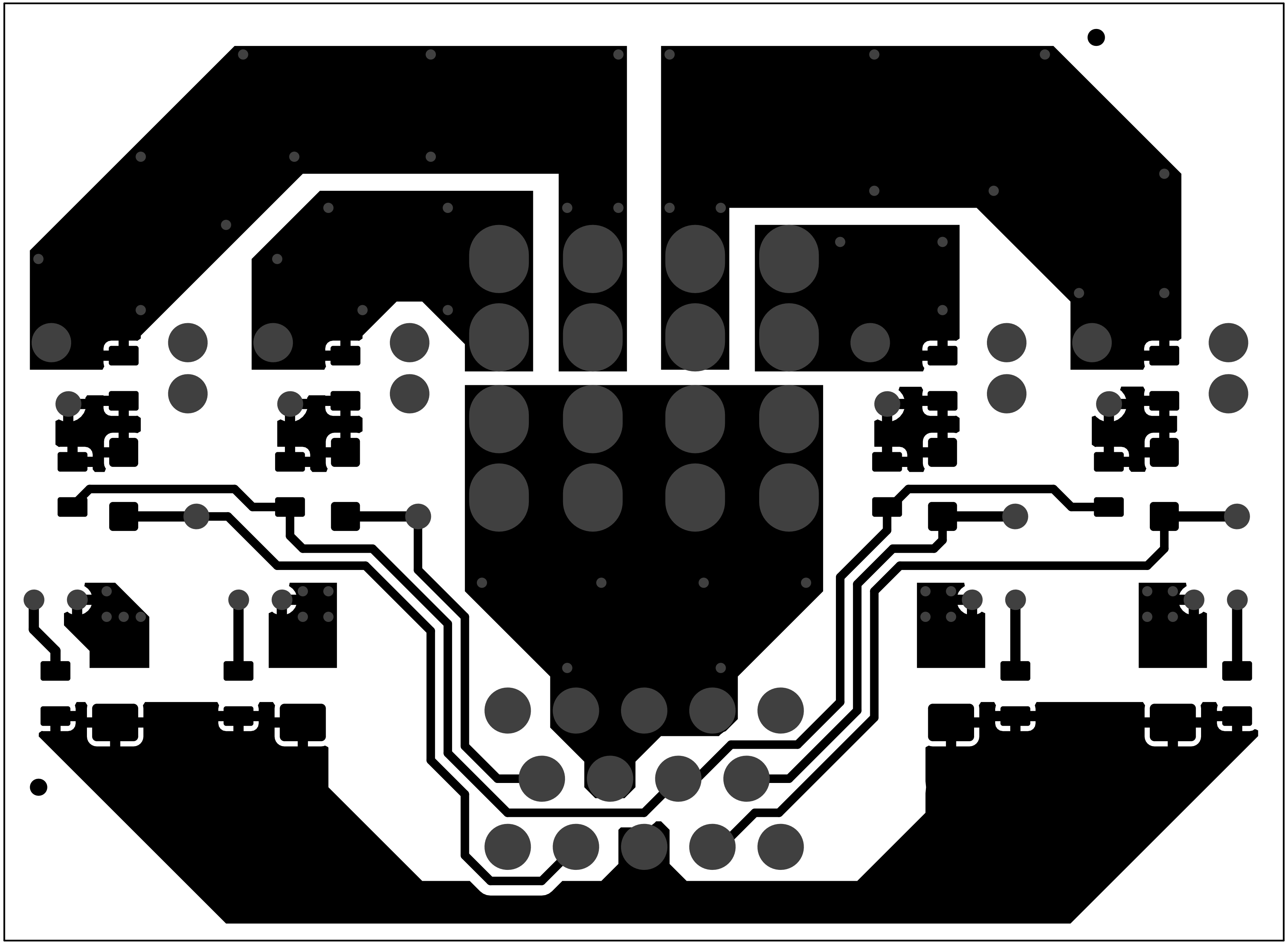

MicroRally
rPDM-3
4x 7.5A relay power stage
MRA211401
F2
F1
F4
F3
K1
K2
K3
K4
LD1
CH1
LD2
CH2
CH3
LD3
CH4
LD4
1
5
6
9
10
14

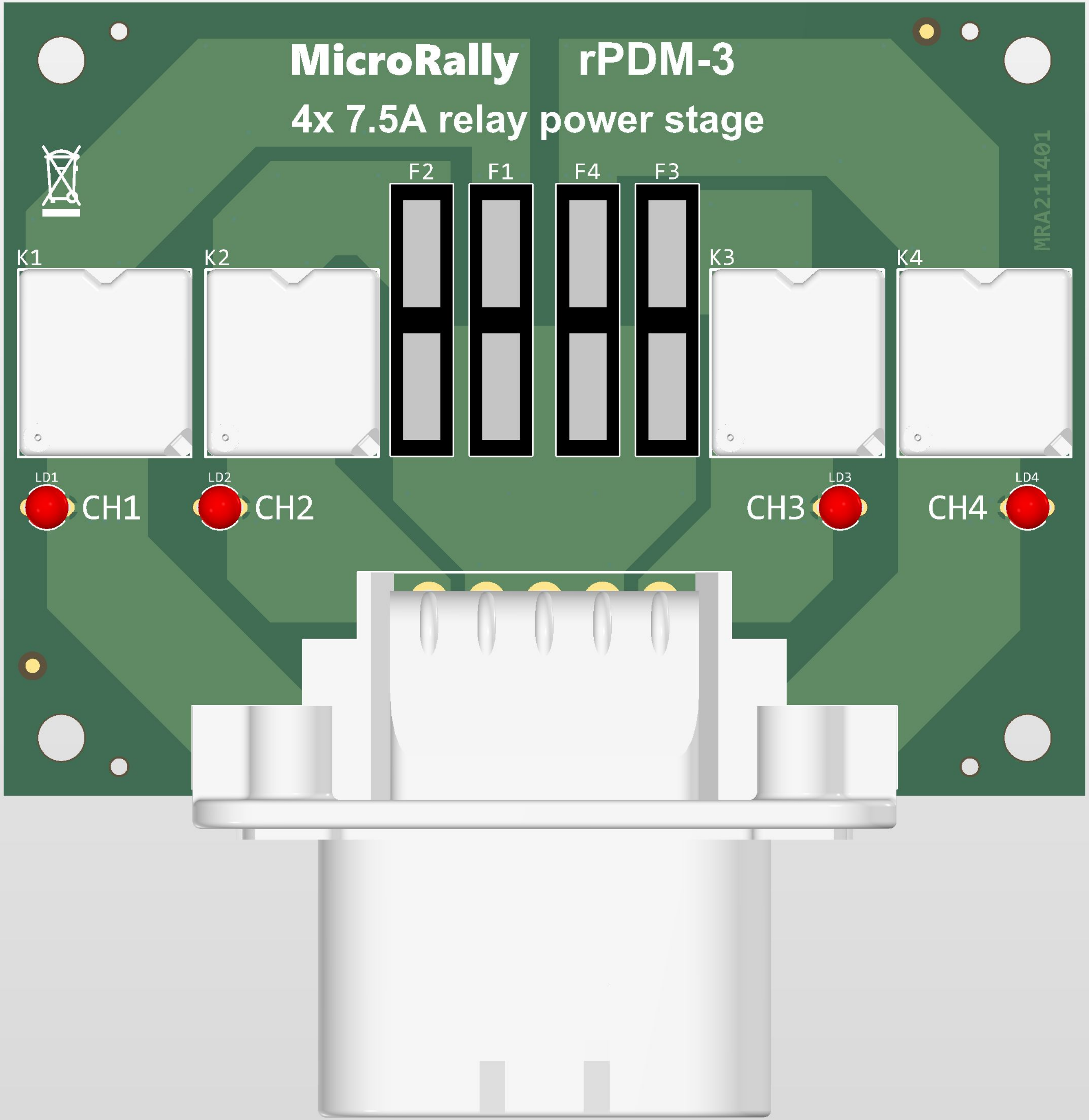

IND - INDEPENDENT
EXEN - EXTERNAL ENABLE
IND
R11
CH4
D4
R12
EXEN
IND
R9
CH3
D3
R10
EXEN
IND
R7
CH2
D2
R8
EXEN
IND
R5
CH1
D1
R6
EXEN
D8
R4
D7
R3
D6
R2
D5
R1
CH3
BATTERY
CH2
CH2 CTRL
CH2 CTRL
CH4
CH4 CTRL
GND
CH1 CTRL
CH1

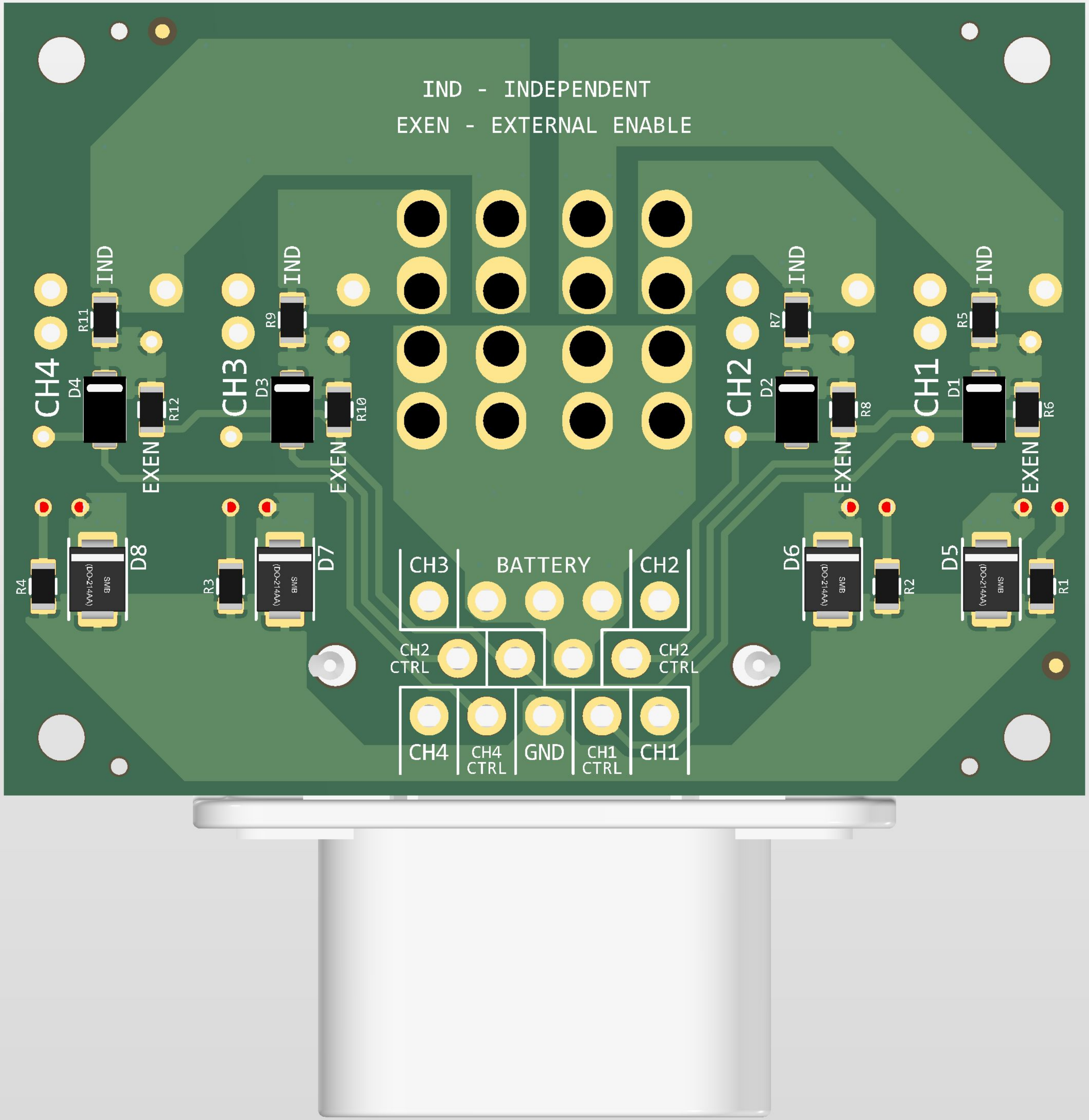

MicroRally
rPDM-3
4x 7.5A relay power stage
F2
F1
F4
F3
K1
K2
K3
K4
LD1
LD2
LD3
LD4
CH1
CH2
CH3
CH4
1
5
6
9
10
14
J1

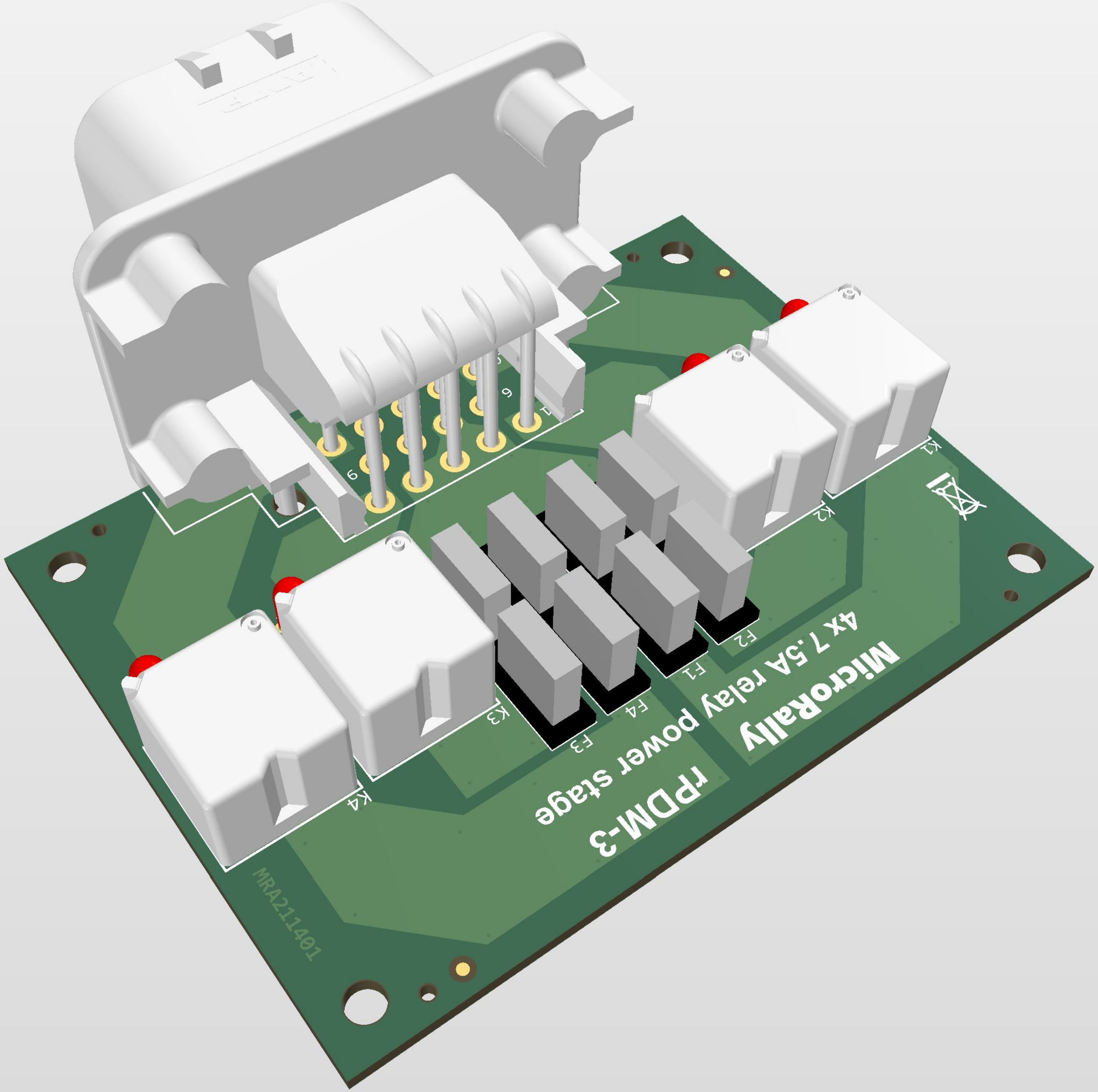

IND - INDEPENDENT
EXEN - EXTERNAL ENABLE
CH4
CH3
CH2
CH1
IND
IND
IND
IND
EXEN
EXEN
EXEN
EXEN
R11
R9
R7
R5
R12
R10
R8
R6
D4
D3
D2
D1
D8
D7
D6
D5
R4
R3
R2
R1
CH3
BATTERY
CH2
CH2
CTRL
CH2
CTRL
CH4
CH4
CTRL
GND
CH1
CTRL
CH1

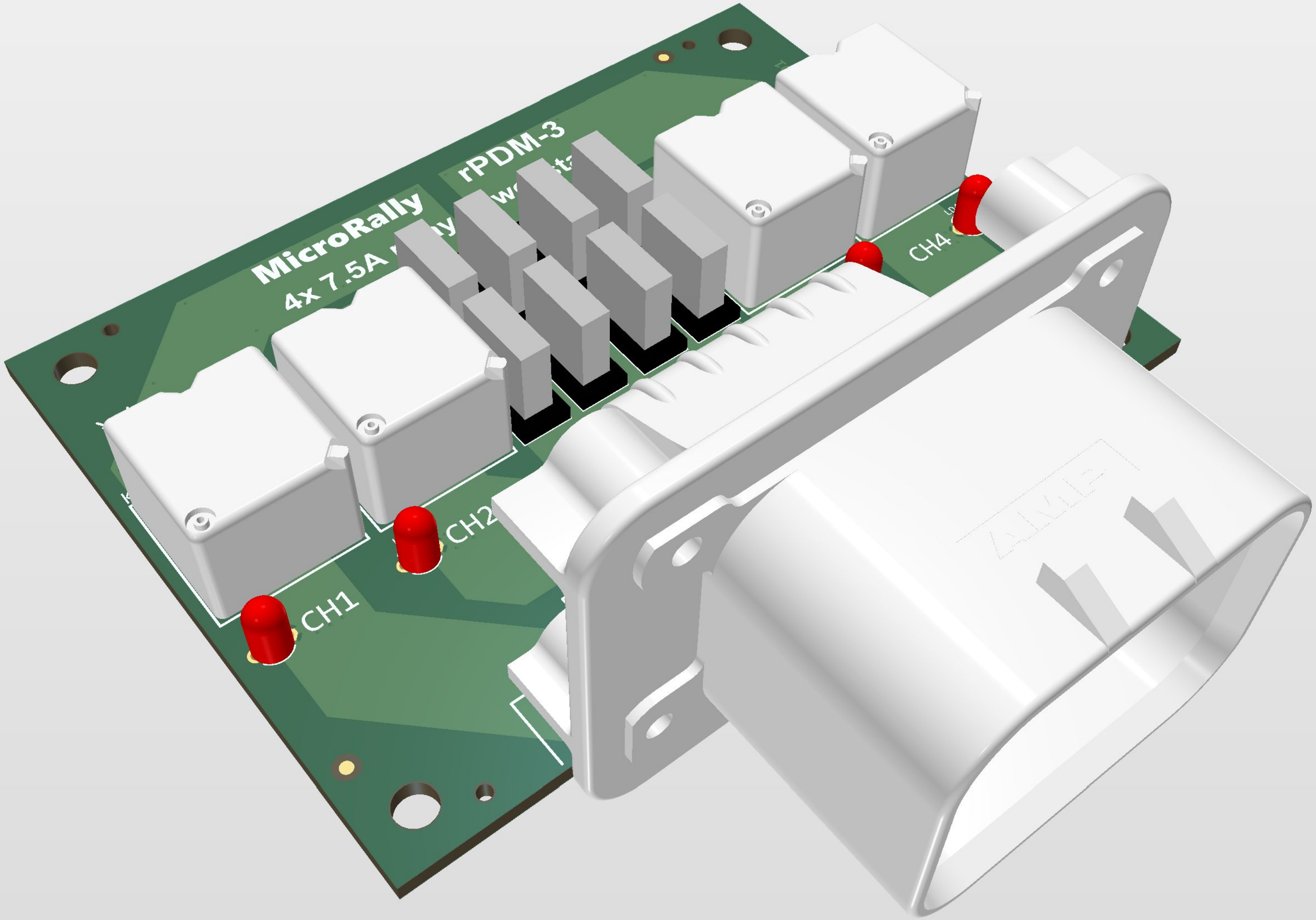

MRA211401




MicroRally rPDM-3
4x 7.5A relay power stage
F2
F1
F4
F3
K1
K2
K3
K4
MRA211401
LD1
LD2
LD3
LD4
CH1
CH2
CH3
CH4


IND - INDEPENDENT
EXEN - EXTERNAL ENABLE
CH4
CH3
CH2
CH1
IND
IND
IND
IND
R11
R9
R7
R5
D4
D3
D2
D1
R12
R10
R8
R6
EXEN
EXEN
EXEN
EXEN
D8
D7
D6
D5
R4
R3
R2
R1
SMB (DO-214AA)
CH3
BATTERY
CH2
CH2 CTRL
CH2 CTRL
CH4
CH4 CTRL
GND
CH1 CTRL
CH1


MicroRally
4x 7.5A relay power stage
rPDM-3
K1
K2
K3
K4
F1
F2
F3
F4
MRA211401
6
9
1


MicroRally
rPDM-3
CH1
CH2
CH4
AMP