

1 2 3 4

A

A

B

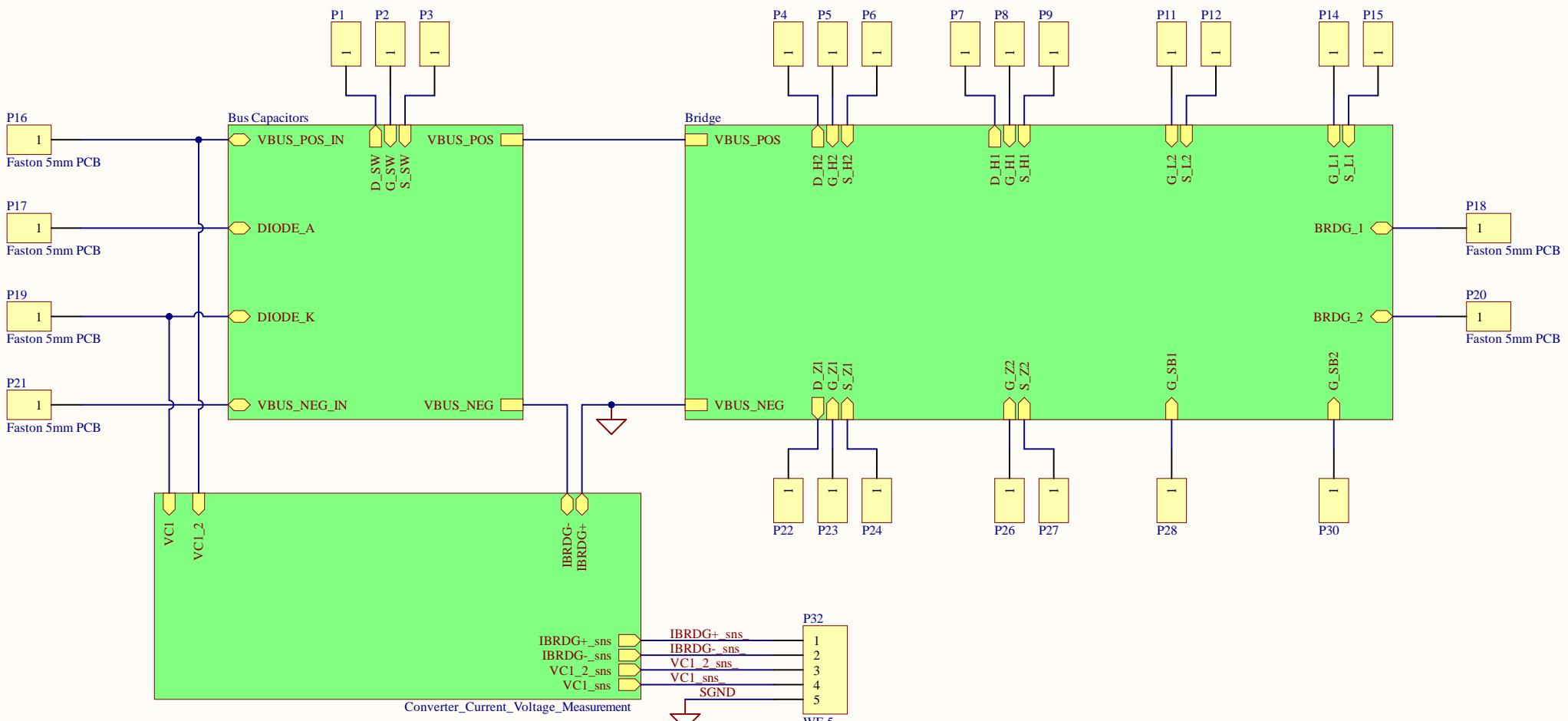
B

C

C

D

D

Title **Main**

Size: A4	Number: 25	Revision: 1	Drawn by: Naldi, López
Project: DC_AC_Converter.PrjPcb	Sheet 1 of 4	Company: -	
File: Main.SchDoc			

1 2 3 4

A

A

B

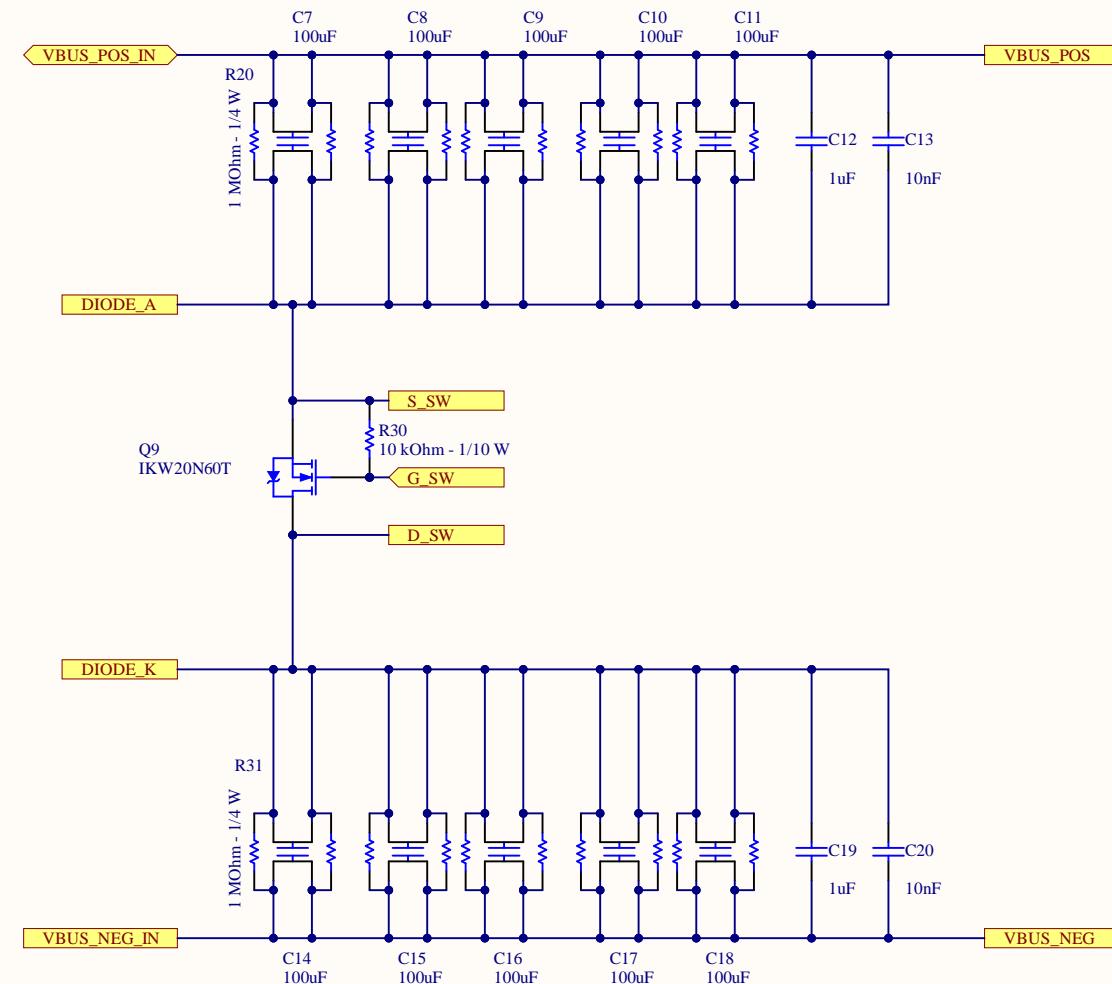
B

C

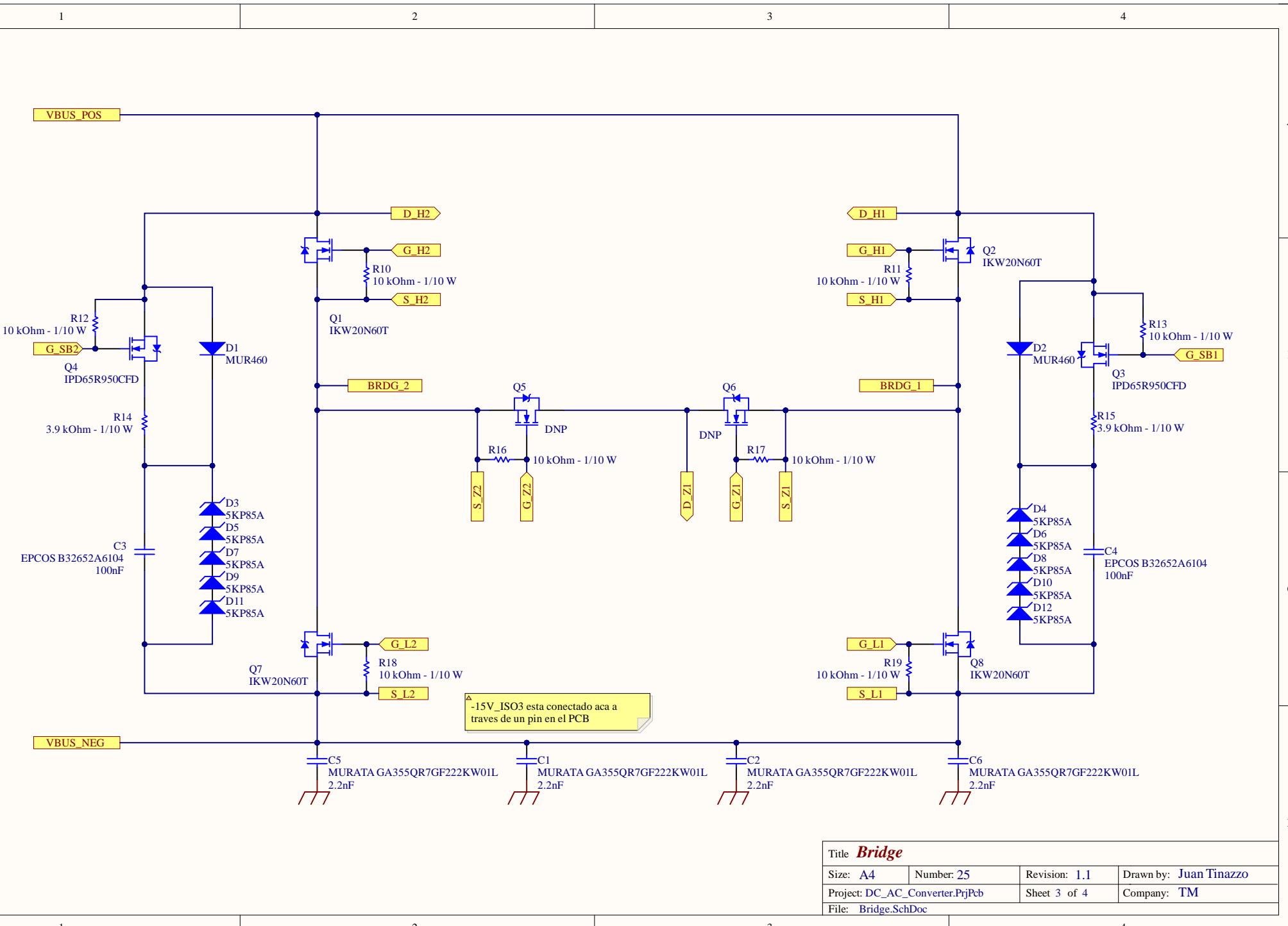
C

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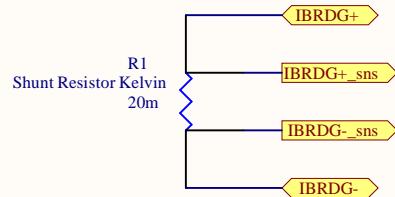
D


Title: Bus Capacitors

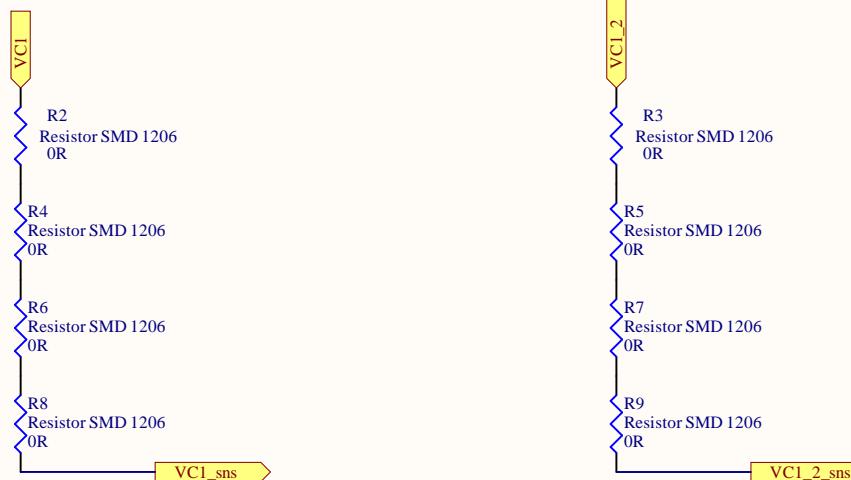
Size: A4	Number: 25	Revision: 1	Drawn by: Juan Tinazzo
Project: DC_AC_Converter.PrjPcb	Sheet 2 of 4	Company: TM	
File: Bus_Capacitors.SchDoc			



A

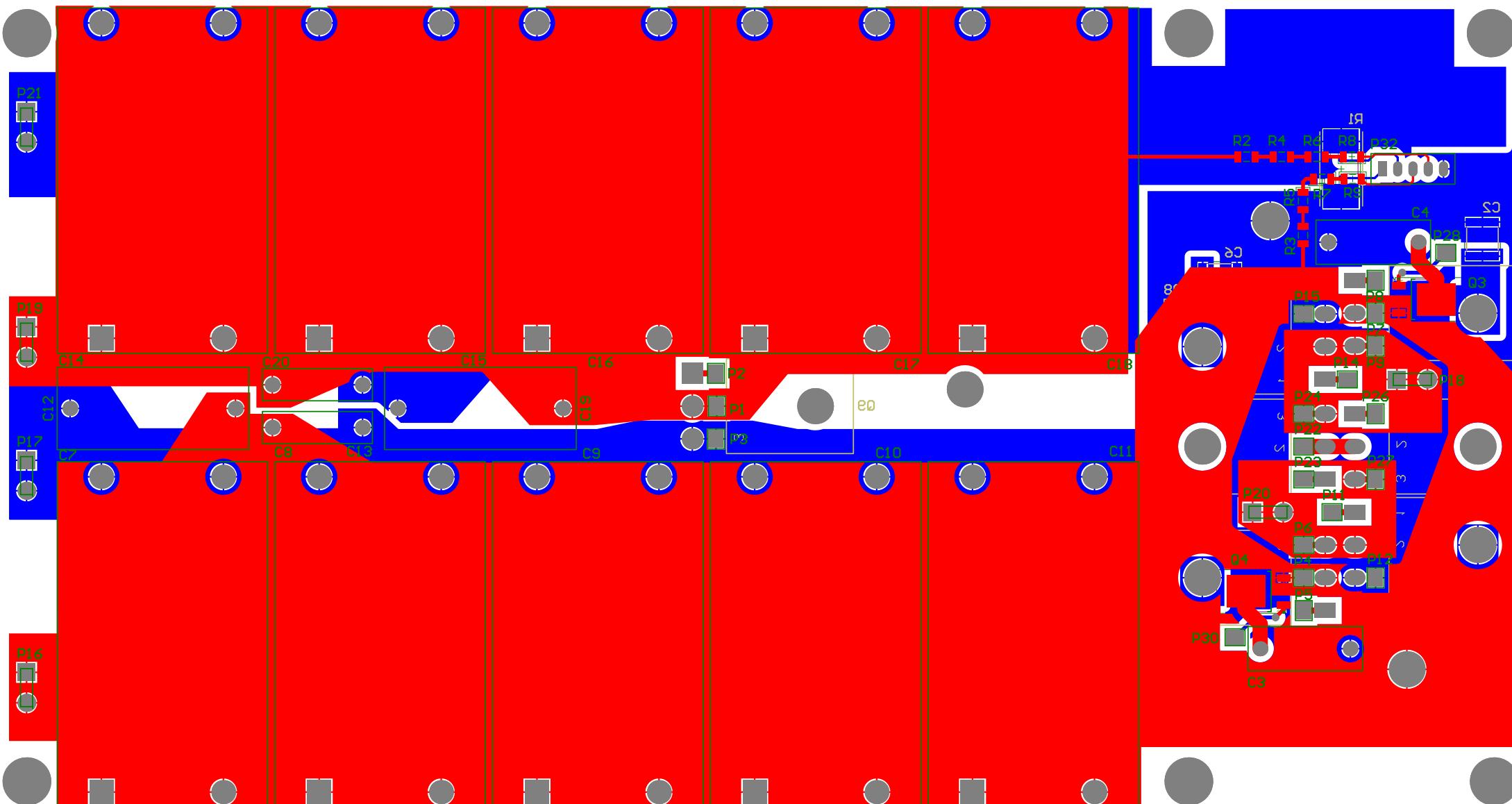


B



C

Title Current - Voltage Measurement			
Size: A4	Number: 25	Revision: 1	Drawn by: Naldi, López
Project: DC_AC_Converter.PjPcb		Sheet 4 of 4	
File: Converter_Current_Voltage_Measurement.SchDoc			Company: -



Comment	Description	Value	Quantity	Designator
THT	Resistor	1 MOhm - 1/4 W	20	R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40
TS-101-T-AA	Terminal Strip, 1-Pin, 2.54mm pitch		20	P1, P2, P3, P4, P5, P6, P7, P8, P9, P11, P12, P14, P15, P22, P23, P24, P26, P27, P28, P30
5KP85A	Zener Diode		10	D3, D4, D5, D6, D7, D8, D9, D10, D11, D12
EPCOS B32778G4107	MKP DC link - High density series - 100uF 450V	100uF	10	C7, C8, C9, C10, C11, C14, C15, C16, C17, C18
CRCW060310K0FKEA	Resistor	10 kOhm - 1/10 W	9	R10, R11, R12, R13, R16, R17, R18, R19, R30
Resistor SMD 1206	Resistor SMD 1206	0R	8	R2, R3, R4, R5, R6, R7, R8, R9
IKW20N60T, DNP	IGBTs LOW LOSS DuoPack 600V 20A		7	Q1, Q2, Q5, Q6, Q7, Q8, Q9
Faston 5mm PCB	Faston 5mm PCB		6	P16, P17, P18, P19, P20, P21
MURATA GA355QR7GF222KW01L	Safety Standard Certified Ceramic Y2 2.2nF 250Vac	2.2nF	4	C1, C2, C5, C6
CRCW060310K0FKEA	Resistor	3.9 kOhm - 1/10 W	2	R14, R15
EPCOS B32652A0103	MKP High pulse (wound) 10nF 1000Vdc	10nF	2	C13, C20
EPCOS B32652A6104	MKP High pulse (wound) 100nF 630Vdc	100nF	2	C3, C4
EPCOS B32654A6105	MKP High pulse (wound) 1uF 630Vdc	1uF	2	C12, C19
IPD65R950CFD	MOSFET N-Ch 700V 3.9A DPAK-2		2	Q3, Q4
MUR460	Default Diode		2	D1, D2
Shunt Resistor Kelvin	Shunt Resistor Kelvin	20m	1	R1
WF-5	Header, 5-Pin, 2.54mm pitch		1	P32