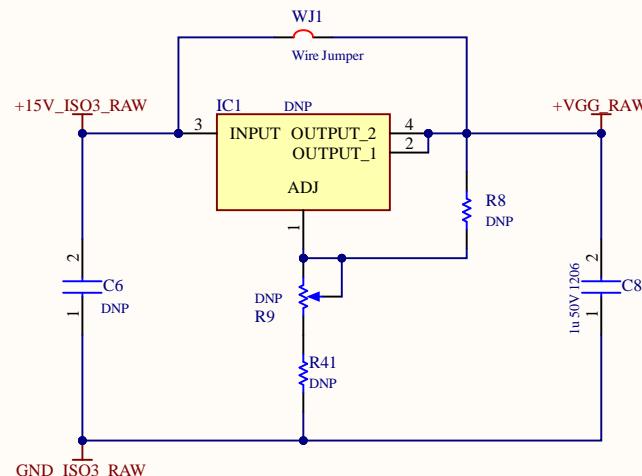
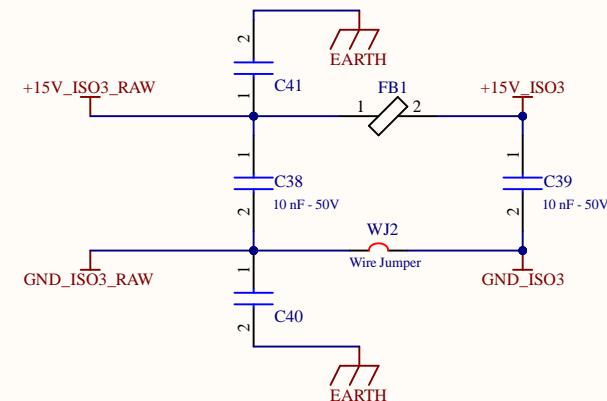
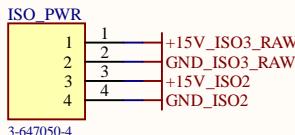


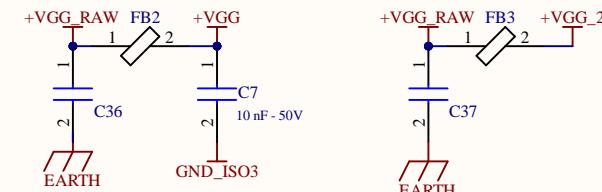
Title **Gates**

Size: A4	Number: DRV-GTS	Revision: R8	Drawn by: Juan Tinazzo
Project: Drivers.PjrPcb		Sheet 2 of 3	Company: TM
File: Gates.SchDoc			

A



B



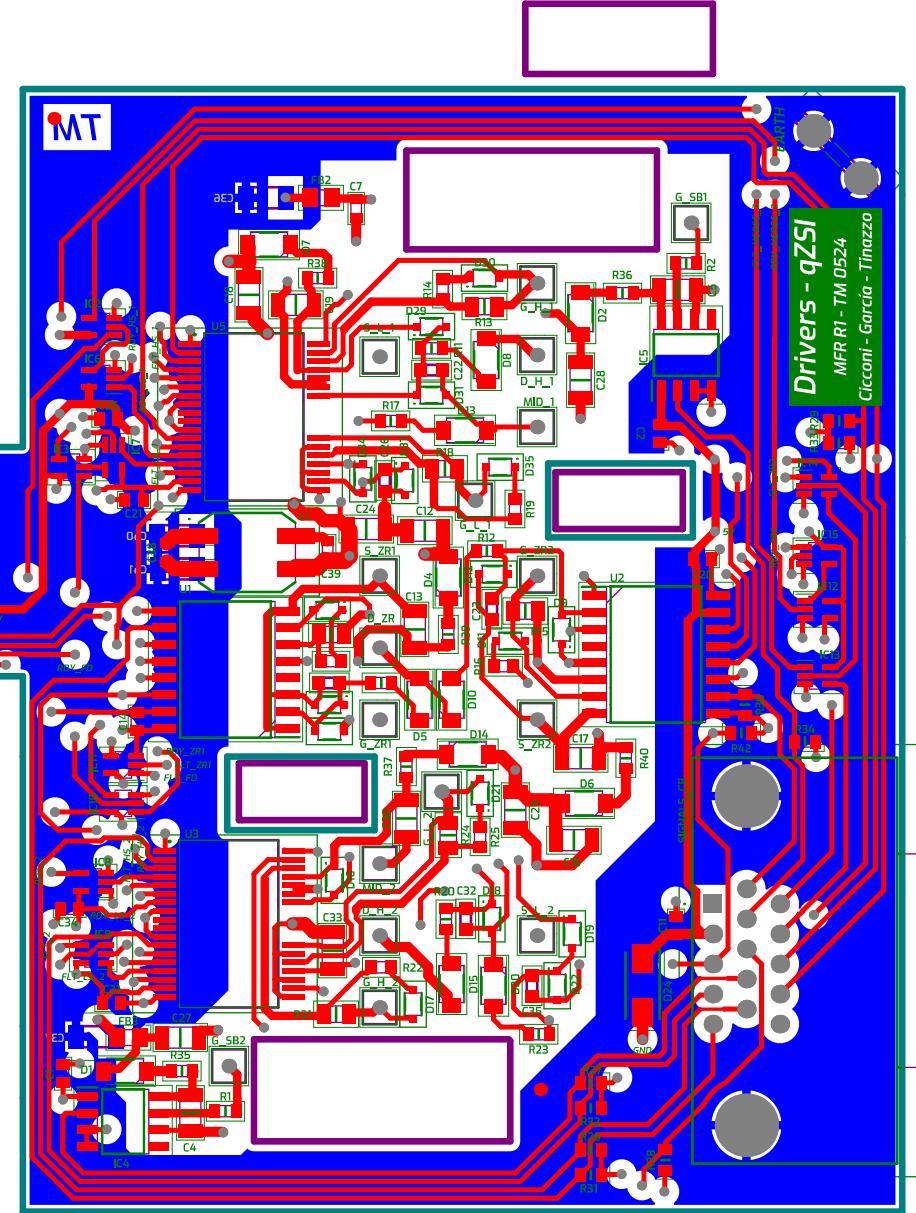
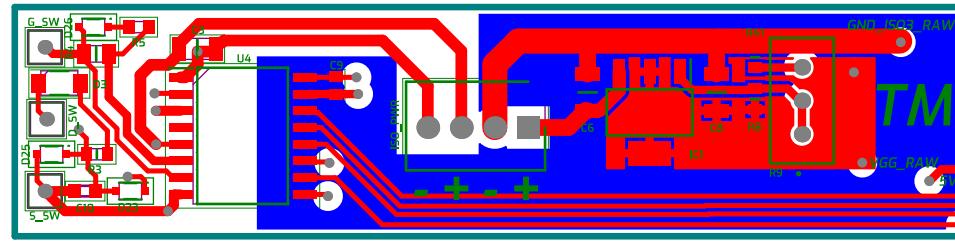
△ GND_ISO3 esta conectado a VBUS_NEG a traves de un pin en el PCB

C

D

Title **Power**

Size: A4	Number: DRV-PWR	Revision: R8	Drawn by: Juan Tinazzo
Project: Drivers.PjrPcb		Sheet 3 of 3	Company: TM
File: Power.SchDoc			



Description	Manufacturer_Name	Manufacturer_Part_Number	Value	Quantity	Designator
Schottky Diode	Nexperia	BAT165AX	750 mA - 40V	21	D9, D11, D12, D16, D17, D18, D19, D21, D22, D23, D25, D26, D28, D29, D30, D31, D32, D33, D34, D35, D37
Connector	SAMTEC	SS-101-T-2	Sockets 2.54mm (0.1 In)	20	D_H_1, D_H_2, D_SW, D_ZR, G_H_1, G_H_2, G_L_1, G_L_2, G_SB1, G_SB2, G_SW, G_ZR1, G_ZR2, MID_1, MID_2, S_L_1, S_L_2, S_SW, S_ZR1, S_ZR2
Capacitor	TDK	C3216X7R1H105K160AE	1 uF - 50V	16	C3, C4, C5, C8, C12, C13, C16, C17, C18, C19, C24, C27, C28, C29, C30, C33
Diode	Diodes Incorporated	FUS1ME	1A - 1kV	13	D1, D2, D3, D4, D5, D6, D7, D8, D10, D13, D14, D15, D20
Integrated Circuit	Nexperia	74LVC1G08GW,125	Compuertas AND - 1 compuerta 2 entradas	12	IC2, IC3, IC6, IC7, IC8, IC9, IC10, IC11, IC12, IC13, IC14, IC15
Capacitor	TAIYO YUDEN	EMK107B7104KA-T	100 nF - 16V	10	C1, C2, C9, C11, C14, C20, C21, C25, C31, C34
Resistor	Kamaya	RMC1/16K1002FTP	10 kOhm - 1/10 W	10	R26, R27, R28, R29, R30, R31, R32, R33, R34, R42
Capacitor	KEMET	C0603C221J5HACAUTO	220 pF - 50V	7	C10, C15, C22, C23, C26, C32, C35
Resistor	Bourns	CR0805-J/-4R7ELF	4.7 Ohm - 1/8W	7	R4, R7, R13, R15, R18, R21, R24
Resistor	Vishay	CRCW06031K00FKEAC	1 kOhm - 1/10W	7	R3, R6, R11, R12, R17, R20, R23
Resistor	Bourns	CR0603-F/-1R00ELF	1 Ohm - 1/10 W	6	R35, R36, R37, R38, R39, R40
Capacitor	KEMET	C1206C102KGRACAUTO	1nF - 2000V	4	C36, C37, C40, C41
Resistor	Vishay	CRCW060310R0FKEAHP	DNP	4	R14, R19, R22, R25
Capacitor	TDK-Lambda	CGA3E2X7R1H103K080AA	10 nF - 50V	3	C7, C38, C39
Ferrite Bead	Wurth Elektronik	78279220601	Núcleos de ferrita WE-MPSA EMI 6000hms 2.1A 80mOhms	3	FB1, FB2, FB3
Integrated Circuit	Infineon	1ED020I12B2XUMA1	Controladores de puertas 1200V Isolated 1-CH, 2A	3	U1, U2, U4
Resistor	Vishay	CRCW060310R0FKEAHP	10 Ohm - 1/10 W	3	R5, R10, R16
Integrated Circuit	Infineon	2ED020I12F2XUMA1	Controladores de puertas 1200V Isolated 2-CH	2	U3, U5
Integrated Circuit	Infineon	IRS2101STRPBF	Controladores de puertas Hi&Lw Sd Drvr	2	IC4, IC5
Resistor	Vishay	CRCW0603150RFKEBC	39 Ohm - 1/10 W	2	R1, R2
Connector	Amphenol Communications Solutions	ICD15S13E6GL00LF	Conectores de alta densidad subminiatura D HD 15P	1	SIGNALS_CB
Connector	Molex	19705-4303	Terminales QUICK DISCONNECT TAB	1	J1
Connector	TE Connectivity	3-647050-4	Alojamientos de cables y cabecera HDR 02P VRT	1	ISO_PWR
TVS Diode (Uni-directional)	LITTELFUSE	SMAJ5.0A	1CH - Unidireccional - 5V - 3.3 W	1	D24