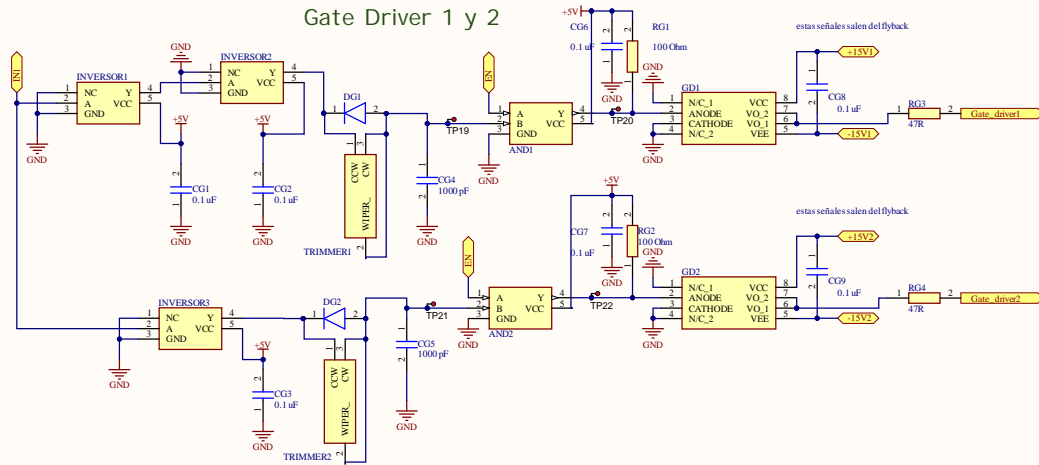
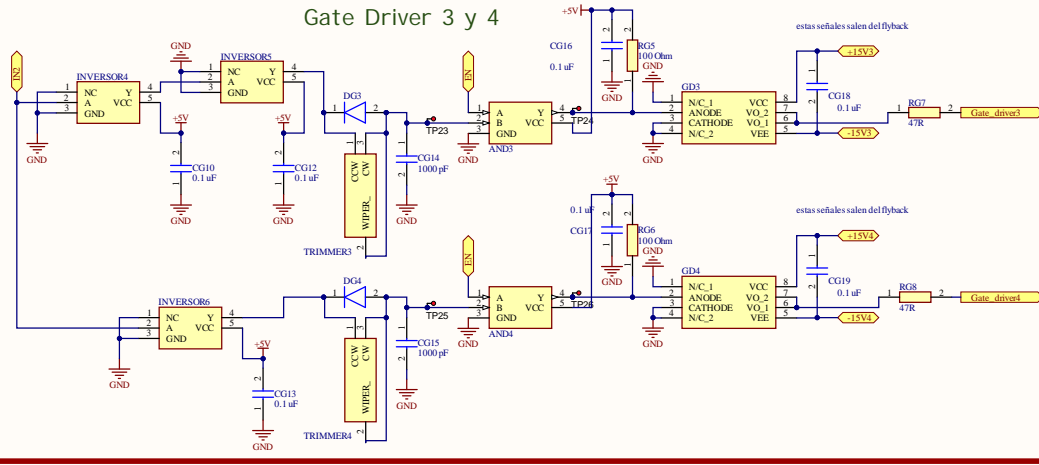


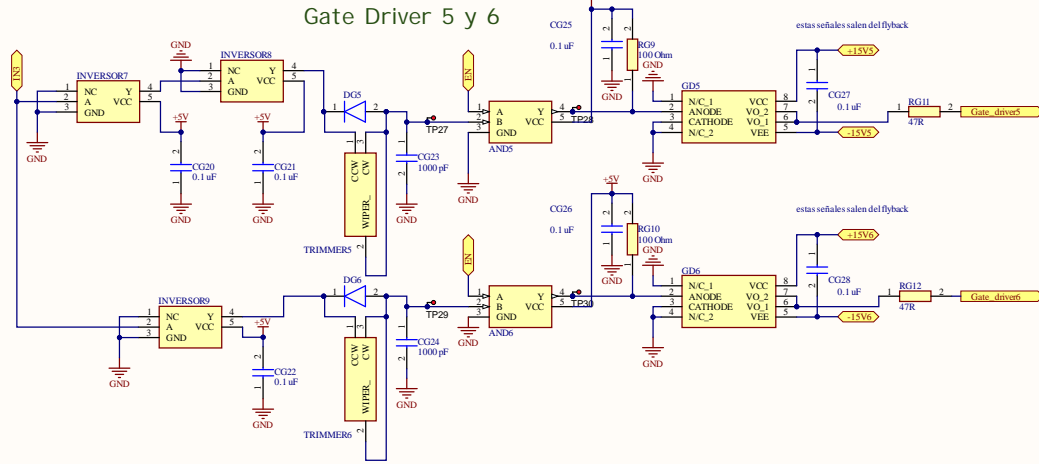
Gate Driver 1 y 2



Gate Driver 3 y 4

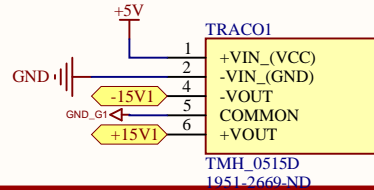


Gate Driver 5 y 6

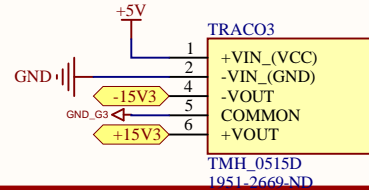


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File:	C:\Users\...GateDrivers\SchDoc	Drawn By:

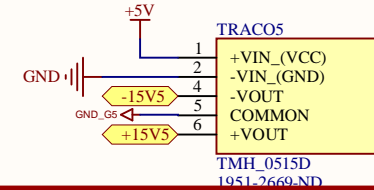
Flyback para el Gate Driver 1



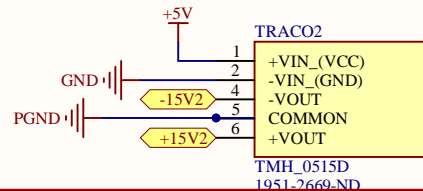
Flyback para el Gate Driver 3



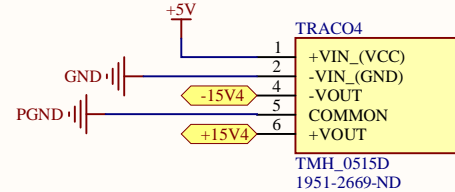
Flyback para el Gate Driver 5



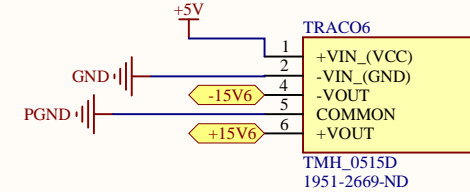
Flyback para el Gate Driver 2



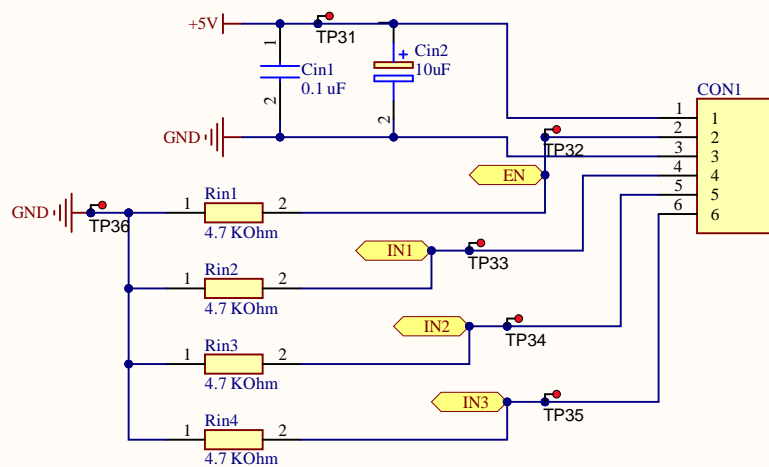
Flyback para el Gate Driver 4



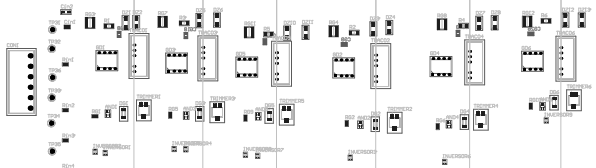
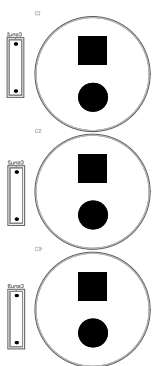
Flyback para el Gate Driver 6



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Title		
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Date: 7/10/2021	Sheet of	
File: C:\Users\...\Entradas.SchDoc	Drawn By:	



Comment	Description	Designator	Footprint	LibRef	Quantity
SN74AHC1G09DCKR	TEXAS INSTRUMENTS SN74AHC1G09DCKR AND Gate, ACH Family, 2 Input, 1 Gate, 25 mA, 2V to 5.5V, SC-70-5	AND1, AND2, AND3, AND4, AND5, AND6	SOT65P210X110-5N	SN74AHC1G09DCKR	6
3600 uF	Capacitor Polarised	C1, C2, C3	CAPPRD2220W900D54 00H8200	ALS70A362KE250	3
0.1 uF	Multilayer Ceramic Capacitors MLCC - SMD/SMT 16V .1uF X7R 0805 10%	CG1, CG2, CG3, CG6, CG7, CG8, CG9, CG10, CG12, CG13, CG16, CG17, CG18, CG19, CG20, CG21, CG22, CG25, CG26, CG27, CG28, Cin1	CAPC2012X94N	0805YC104KAT2A	22
1000 pF	Multilayer Ceramic Capacitors MLCC - SMD/SMT 25volts 1000pF 10% X7R	CG4, CG5, CG14, CG15, CG23, CG24	CAPC2012X98N	C0805Y102K3RACTU	6
10uF	Cap Tant Solid 10uF 20V A CASE 20% (3.2 X 1.6 X 1.6mm) SMD 3216-18 3 Ohm 125C T/R	Cin2	CAPPM3216X180N - duplicate	T494A106M020AT	1
2350513-6	Connector	CON1	23505136	2350513-6	1
0.22 uF	CAP FILM 0.22UF 10% 250VDC RAD	Csnu1, Csnu2, Csnu3	224PPB250K	224PPB250K	3
BAS85-CS08	1.5A 0.7V - BAS85-CS08 - Small Signal Schottky Diode, Single, 30 V, 200 mA, 800 mV, 600 mA, 125	DG1, DG2, DG3, DG4, DG5, DG6	BAQ33GS08	BAS85-CS08	6
SMA6J5.0A	NEXPERIA - BZV55- C15,115 - ZENER- DIODE, 15V, 0.5W, SOD-80C-2	DZ1, DZ2, DZ3, DZ4, DZ5, DZ6, DZ7, DZ8, DZ10, DZ11, DZ12, DZ13	DIOM5026X229N	SMA6J5.0A	12
HCPL-3120	Optocoupler Drive Push-Pull 1-CH 30V 1500V 8-Pin PDIP	GD1, GD2, GD3, GD4, GD5, GD6	DIP762W65P254L96SH 470Q8N	HCPL-3120	6
C247-075-3AE	Heatsink, TO-247, 75 x 20.47 x 38mm, Spring Clip Mount	HS1, HS2, HS3, HS4, HS5, HS6	C2470753AE	C247-075-3AE	6
SN74AHC1G14DRLR	IC INVERTER SCHMITT 1CH SOT5	INVERTOR1, INVERTOR2, INVERTOR3, INVERTOR4, INVERTOR5, INVERTOR6, INVERTOR7, INVERTOR8, INVERTOR9	SOTFL50P160X60-5N	SN74AHC1G14DRLR	9
	Quick Disconnect Terminal M 15.8mm 7.5mm Tin Over Copper Automotive Bag	J1, J2, J3, J4, J5, J6, J7, J8	TE_62409-1	62409-1	8
FCH041N60F	MOSFET 600V N- Channel MOSFET, FRFET	Q1, Q2, Q3, Q4, Q5, Q6	TO-247- 4L_FCH041N60F	FCH041N60F	6
#NAME?	RES SMD 20K OHM 5% 1/4W 1206	R1, R2, R3, R4, R5, R6	RESC3216X70N	RMCF1206JT20KQ	6
100 Ohm	YAGEO - RC0603JR- 13100RL - RES, THICK FILM, 100R, 5%, 0.1W, 0603	RG1, RG2, RG5, RG6, RG9, RG10	RESC1608X55N	RC0603JR-13100RL	6
RCL121847R0JNEK_1	Res Thick Film 1218 47 Ohm 5% 1W ±200ppm/C Pad SMD Automotive T/R	RG3, RG4, RG7, RG8, RG11, RG12	RESC3246X60N	RCL121847R0JNEK_1	6
4.7 KOhm	ESR03EZPJ472	Rin1, Rin2, Rin3, Rin4	RESC1608X55N - duplicate	ESR03EZPJ472	4
5010	Test Point, Multipurpose, Red, TH	TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13, TP14, TP15, TP16, TP17, TP18, TP19, TP20, TP21, TP22, TP23, TP24, TP25, TP26, TP27, TP28, TP29, TP30, TP31, TP32, TP33, TP34, TP35, TP36	Keystone5010	5010	36
TMH_0515D	DC/DC CONVERTER	TRACO1, TRACO2, TRACO3, TRACO4, TRACO5, TRACO6	TMH0515D	TMH_0515D	6
ST-4ETB203	TRIMMER 20K OHM 0.25W SMD	TRIMMER1, TRIMMER2, TRIMMER3, TRIMMER4, TRIMMER5, TRIMMER6	ST4ETB203	ST-4ETB203	6