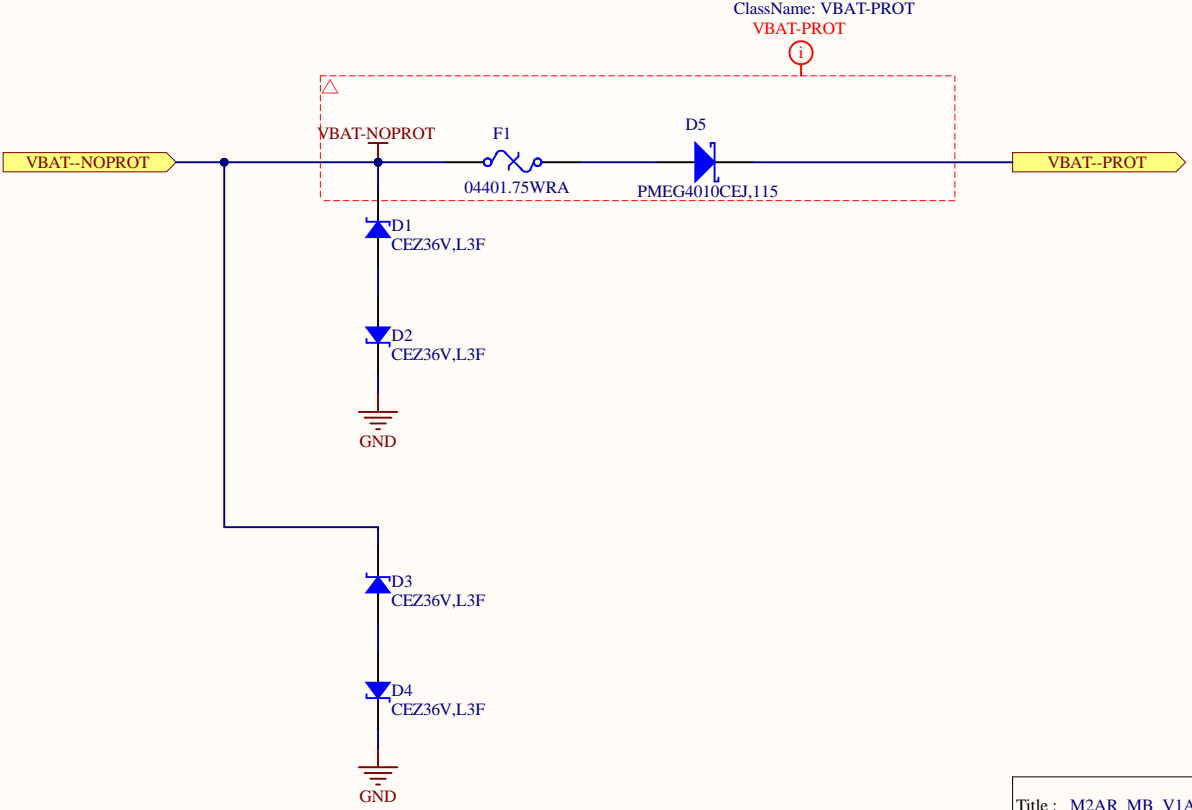
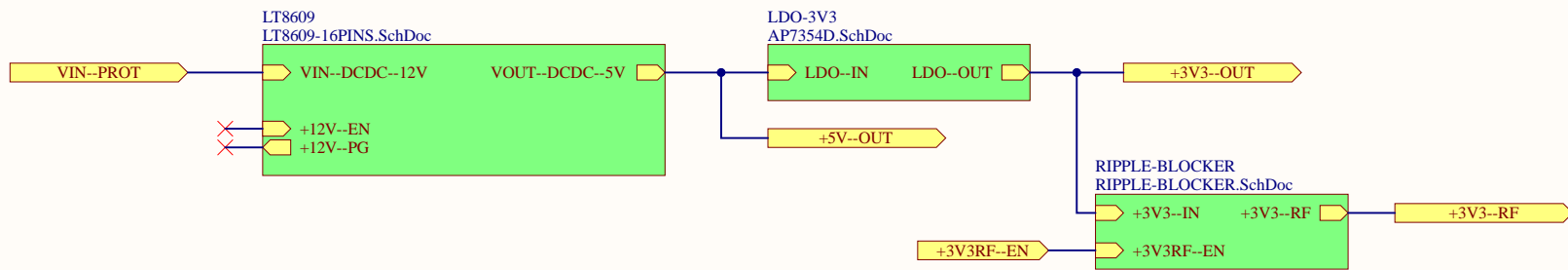



- Signaux carte fille (11) :
- SPI RF (3)
 - CSn S2LP (1)
 - IT S2LP (1)
 - CSn CC1310 (1)
 - RST RF (1)
 - EN ALIM RF (1)
 - ALIM RF (1)
 - UART-CC1310 (2)

Title : M2AR_MB_V1A		<div>EXOTIC SYSTEMS</div>
DrawnBy : Clément Macquet	ApprovedBy : Laurent Gineste	
Organization : EXOTIC SYSTEMS	Sheet 2 of 21	
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File: C:\Users\cleme\Documents\Projets\BE Michelin\M2AR\Objet Techniques\M2AR_MB\M2AR_MB_V1A\Schéma_BC

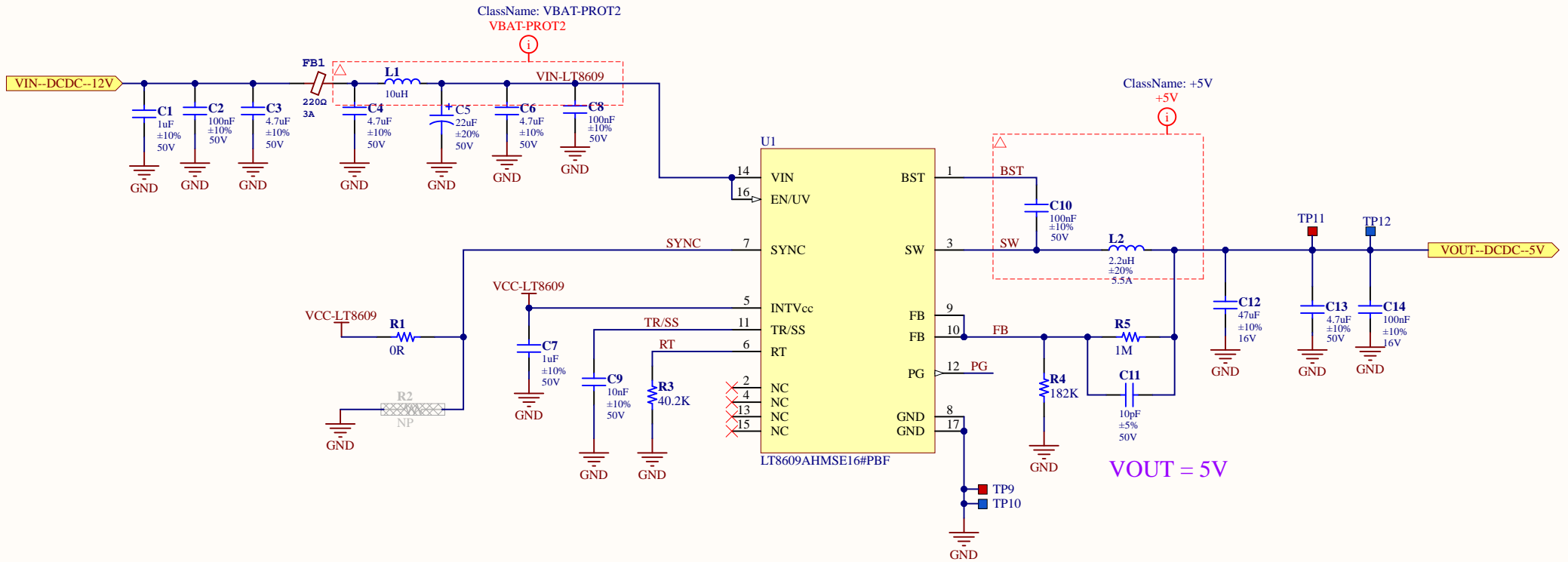




Title : M2AR_MB_V1A			D
DrawnBy :	ApprovedBy :		
Organization :	Sheet 4 of 21		
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File: C:\Users\cleme\Documents\Projets\BE Michelin\M2AR\Objet Techniques\M2AR_MB\M2AR_MB_V1A\Schéma B			

DC/DC Buck-Boost

Buck Converter : LT8609IMSE#PBF
 Manufacturer : Analog Devices
 Vin : 3V 42V
 Vout : 0.782V 42V
 Max output current : 3A
 Operating temperature : -40°C to 125°C
 SYNC config : pulse-skipping mode with
 spread spectrum modulation



Title : M2AR_MB_V1A_POWER

DrawnBy : Clément Macquet

ApprovedBy : Laurent Gineste

Organization : EXOTIC SYSTEMS

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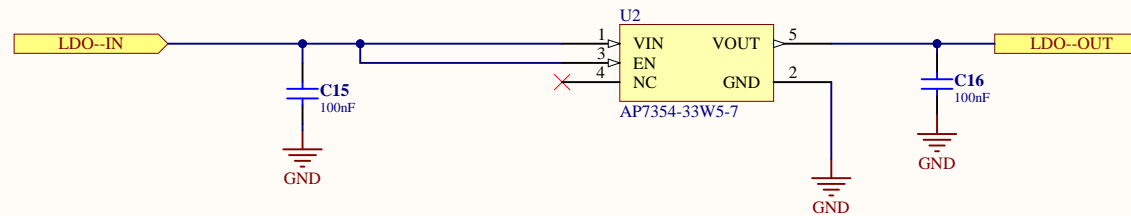
Revision: 001

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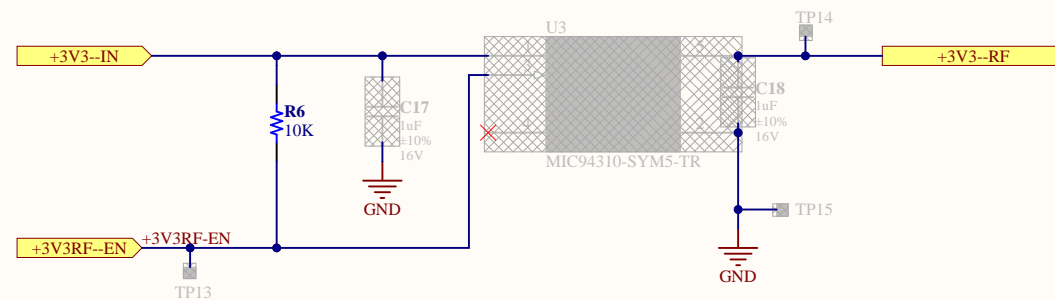
EXOTIC
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LDOs

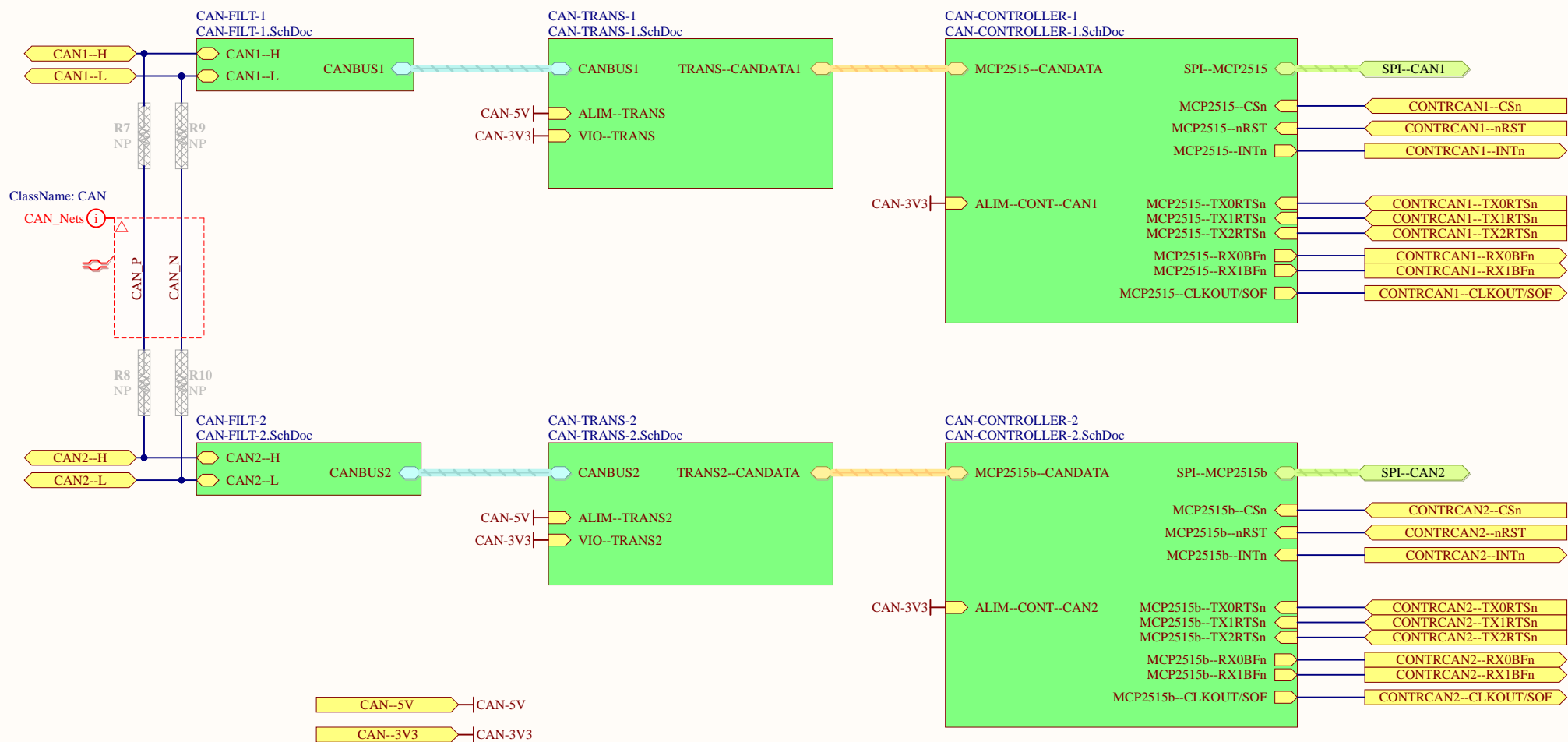
△
LDO reference : AP7354D-33W5-7
Manufacturer : Diodes Inc
Supply Voltage : 2.0V to 5.5V
Iq : 250nA
Enable Pin



Title : M2AR_MB_V1A - LDO 3V3		<div>EXOTIC SYSTEMS</div> <div>D</div>
DrawnBy : Clément Macquet	ApprovedBy : Laurent Gineste	
Organization : EXOTIC SYSTEMS	Sheet 6 of 21	
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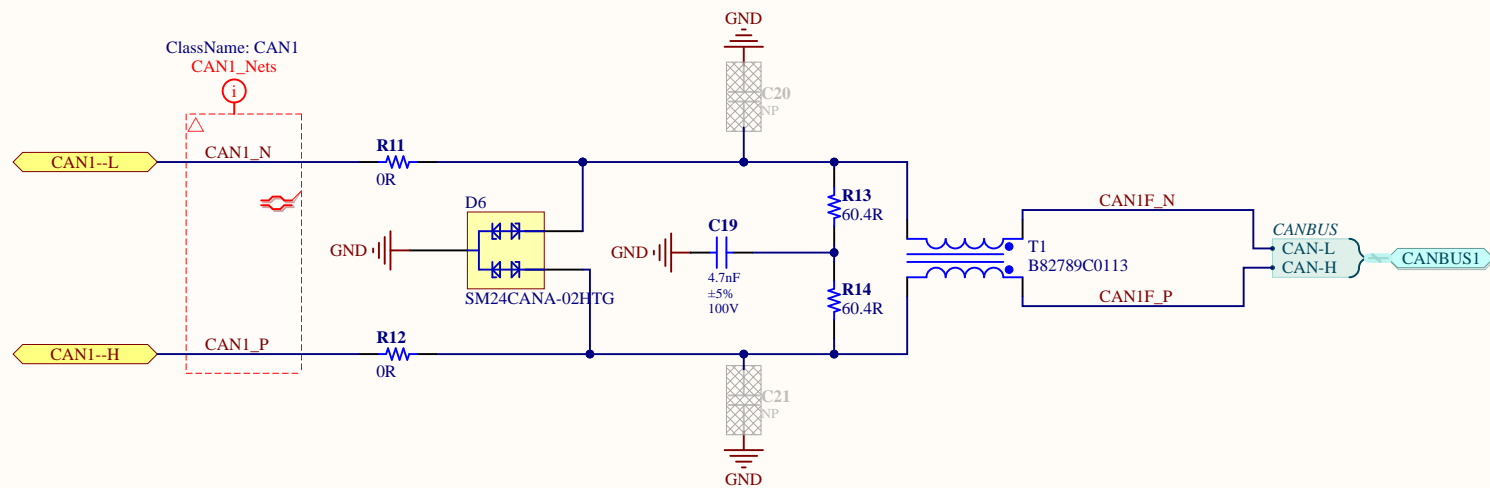
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DrawnBy :	ApprovedBy :	
Organization :	Sheet 7 of 21	
Date: 07/12/2021 Time: 16:39:37	Revision:	
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CAN1 : CAN MIROBOX
CAN2 : CAN PERIPHERIQUE

Title : M2AR_MB_V1A_CAN		
DrawnBy : Clément Macquet	ApprovedBy : Laurent Gineste	
Organization : EXOTIC SYSTEMS	Sheet 8 of 21	
Date: 07/12/2021 Time: 16:39:37	Revision: 001	

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Title : M2AR_MB_V1A_CAN-FILT-1

DrawnBy : Clément Macquet

ApprovedBy : Laurent Gineste

Organization : EXOTIC SYSTEMS

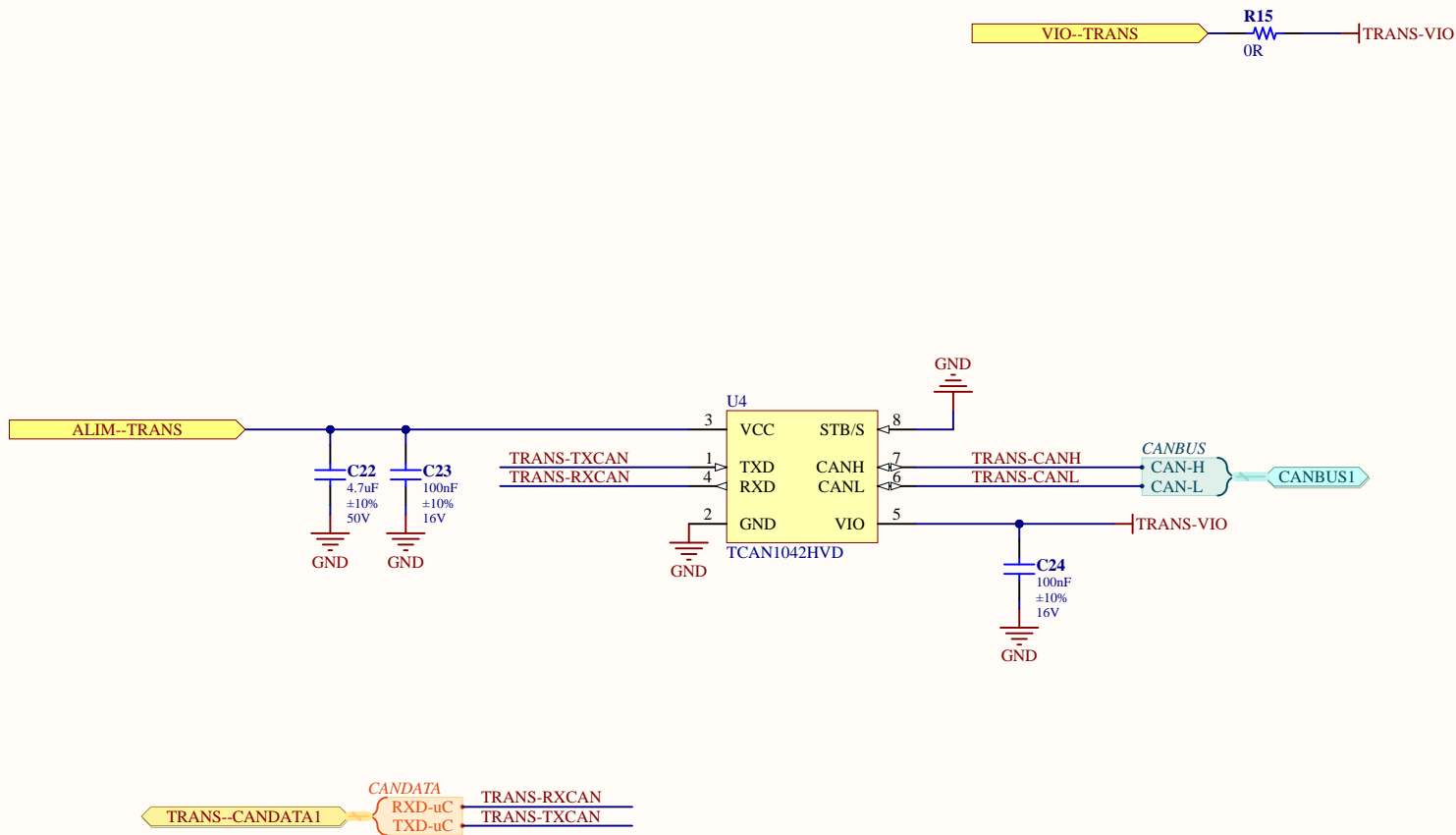
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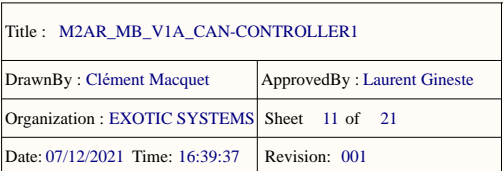
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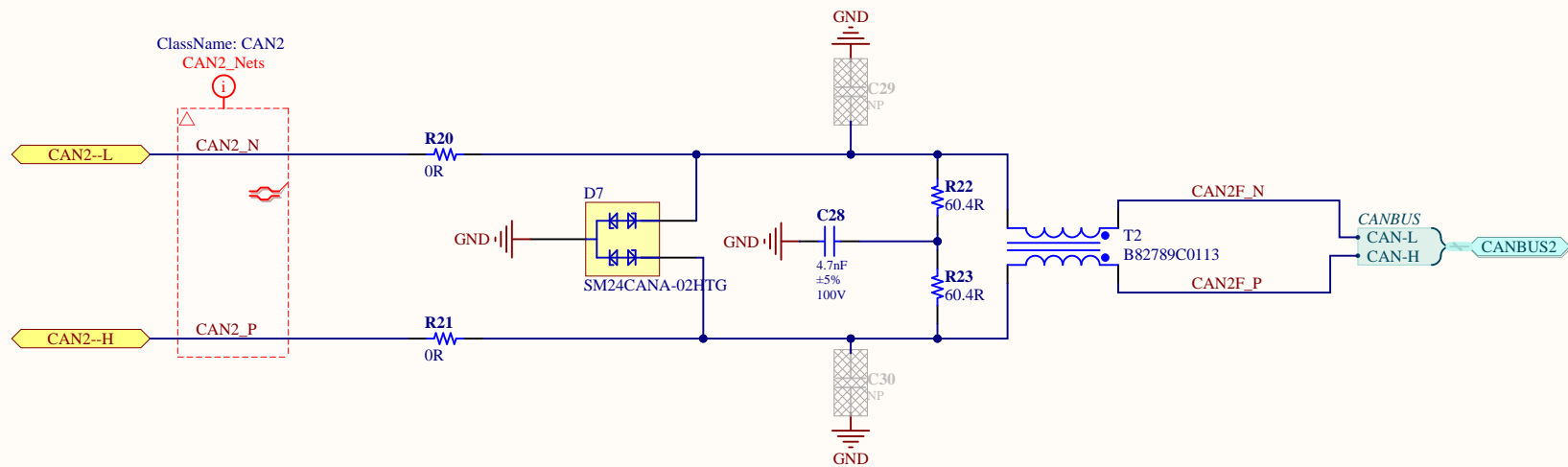


Title : M2AR_MB_V1A_CAN-TRANS-1		<div>EXOTIC SYSTEMS</div>	D
DrawnBy : Clément Macquet	ApprovedBy : Laurent Gineste		
Organization : EXOTIC SYSTEMS	Sheet 10 of 21		
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Title : M2AR_MB_V1A_CAN-FILT-2

DrawnBy : Clément Macquet

ApprovedBy : Laurent Gineste

Organization : EXOTIC SYSTEMS

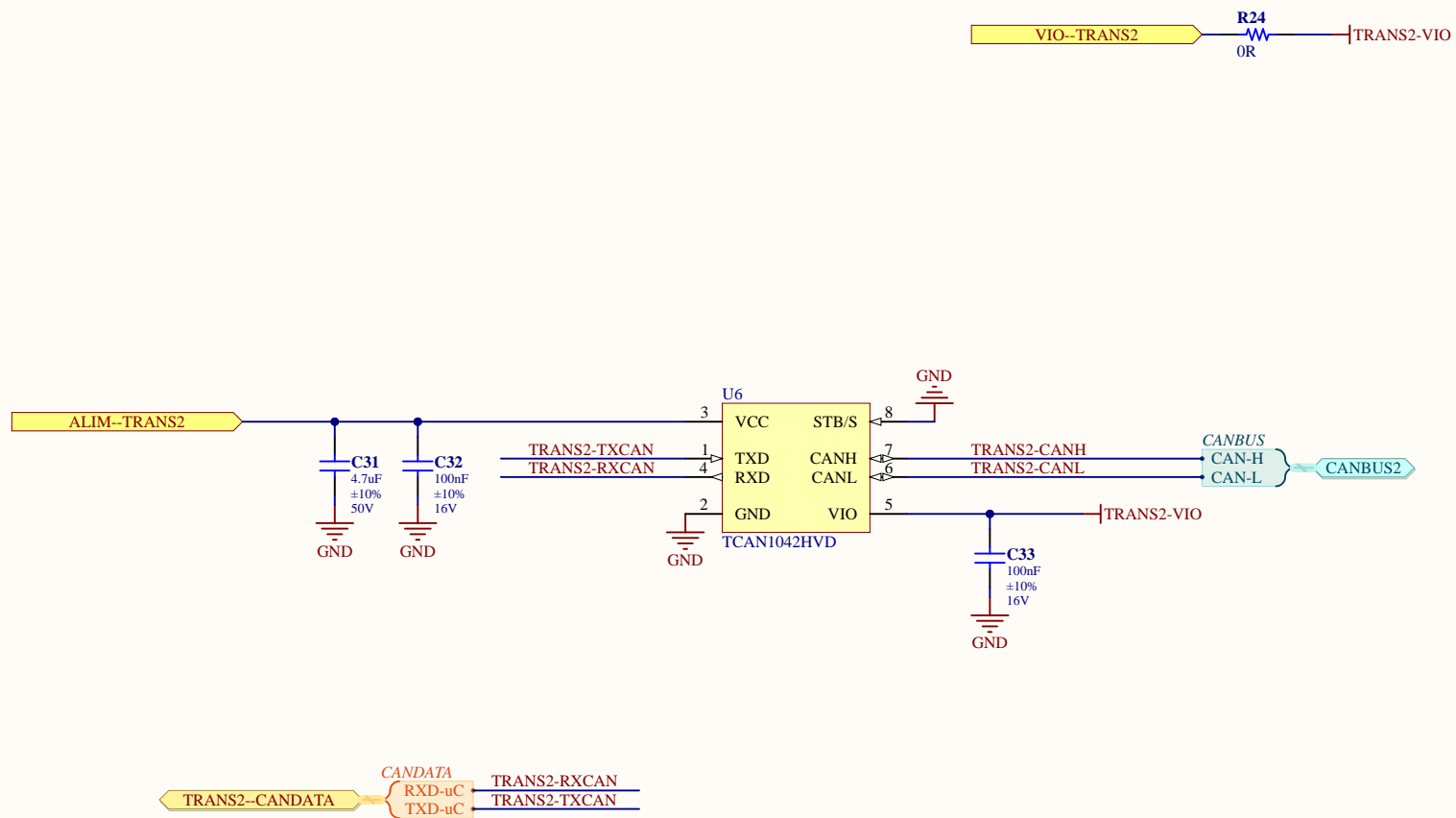
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Title : M2AR_MB_V1A_CAN-TRANS-2

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Organization : EXOTIC SYSTEMS

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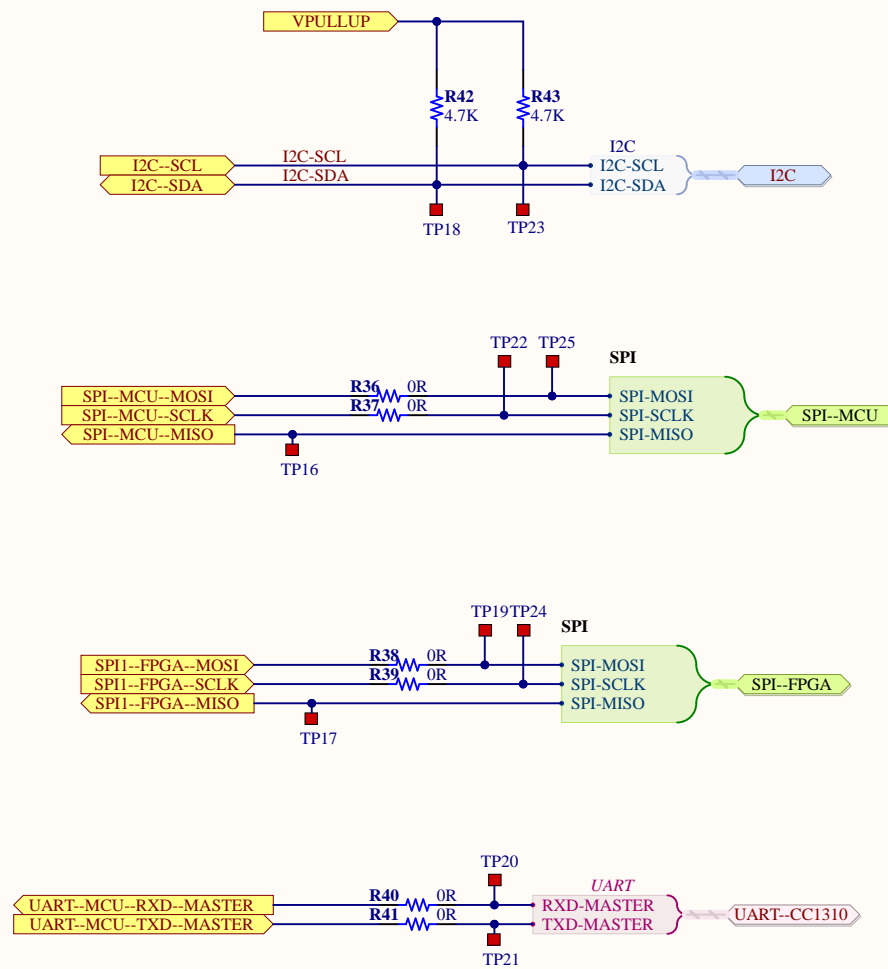
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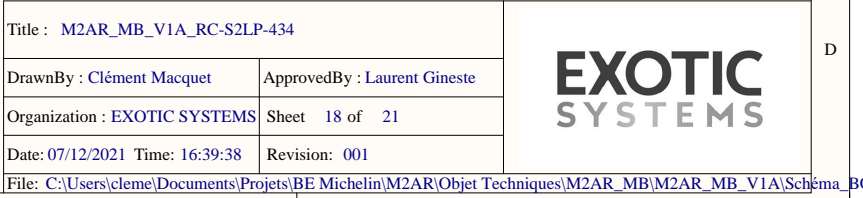
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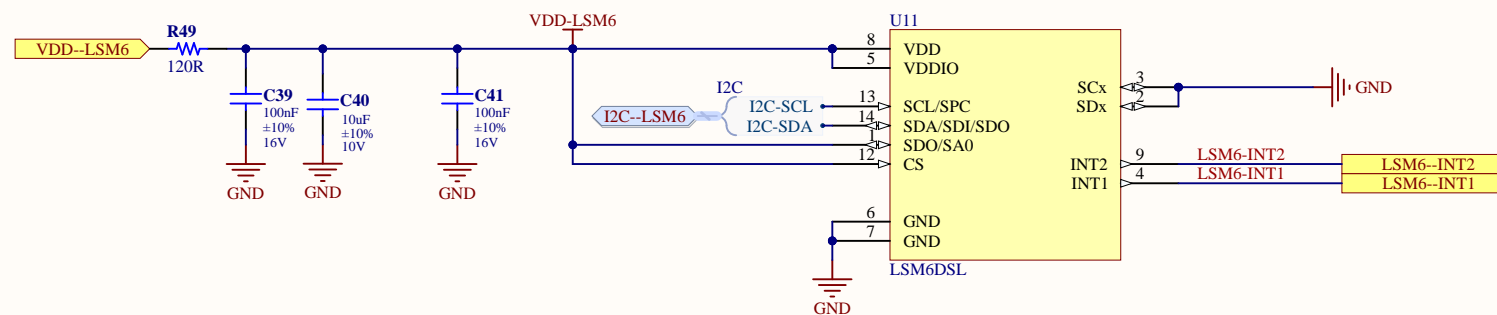
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Title : M2AR_MB_V1A_LSM6DSL

DrawnBy : Clément Macquet

ApprovedBy : Laurent Gineste

Organization : EXOTIC SYSTEMS

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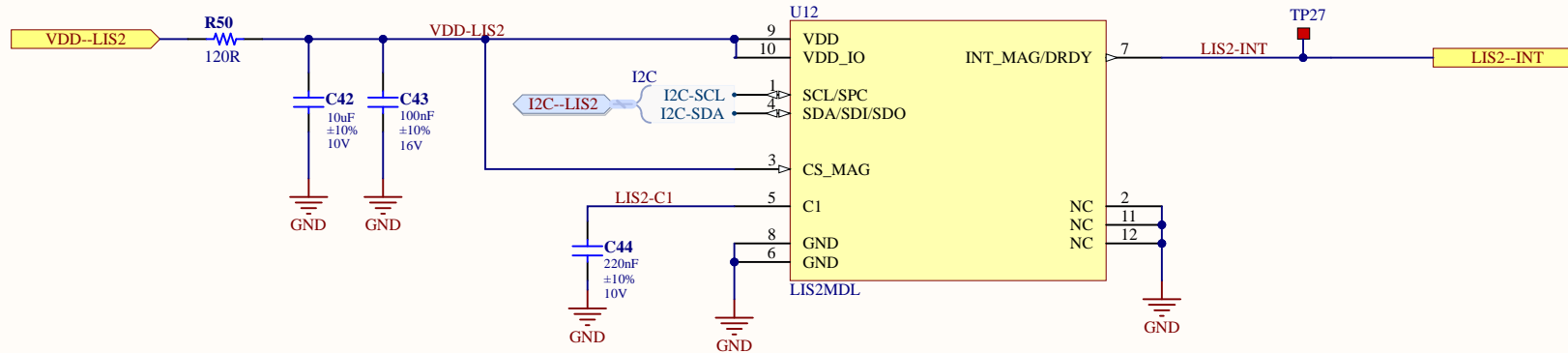
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EXOTIC
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MAGNETOMETER

Magnetometer Reference :
 LIS2MDL
 Manufacturer : ST
 Supply Voltage : 1.7V to 3.6V
 Supply current :
 - Off : 1.5uA@2.5V
 - LPM : 50uA@2.5V



Title : M2AR_MB_V1A_LIS2MDL

DrawnBy : Clément Macquet

ApprovedBy : Laurent Gineste

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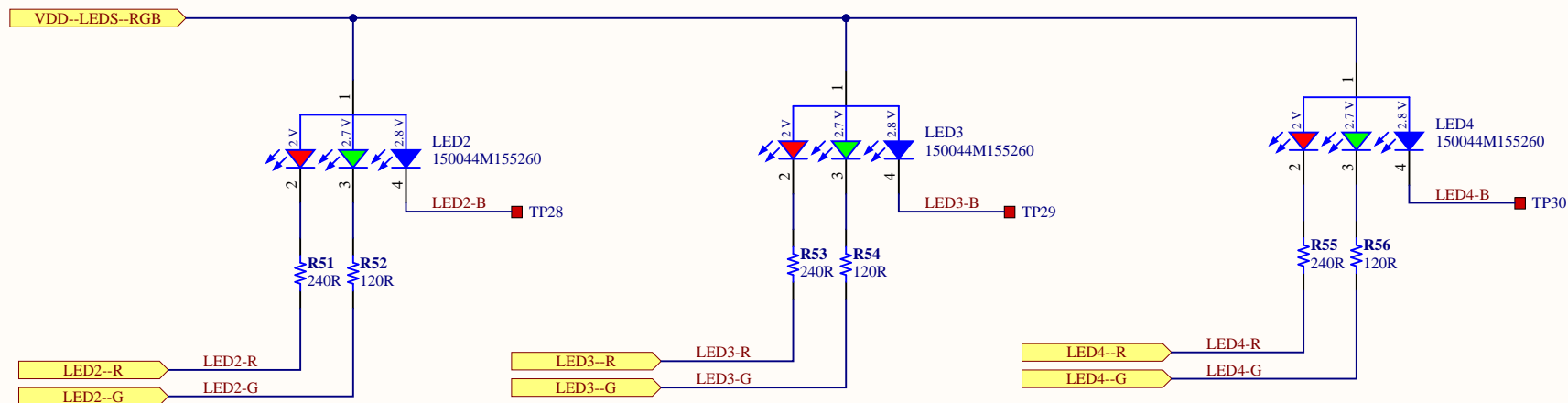
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Title : M2AR_MB_V1A_IHM

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ApprovedBy : Laurent Gineste

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