type	id	Cas de test	Désignation	prérequis	résultat attendu
Projet : eKart					
Test d'implémentati d'exigence	#2	CAN ping-pong test	1. Message reception 2. Sending 3. Data saved 4. Data sending	A special fonction "foo" is created for this test	For the test, a message with the id 0x321 is sent with the data: 12 34 56 78 The message back must have the id 0x131 with the data: 12 34 56 78
Test d'implémentati d'exigence	#3	Drive test	1. Send drive alive message by BUSMASTER 2. A setup message has to be sent by the controller 3. Set torque with joystick or simulate joystick via BUSMASTER 4. Look the right value of torque in the class car.h with a breakpoint 5. The power message is sent at the right frequency	BUSMASTER with the full DB	
Test d'implémentati d'exigence	#4	Steering test	1. Send steering alive message by BUSMASTER 2. A setup message has to be sent by the controller 3. Set position with joystick or simulate joystick via BUSMASTER 4. Look the right value of position in the class car.h with a breakpoint 5. The position message is sent at the right frequency		
Test d'implémentati d'exigence	#5	Watchdog test	If sender: 1. Send the alive message at the right frequency If checker: 1. Send the setup message every time the peripheral born 2. If no alive message from the peripheral at the right frequency, consider it like dead		

| Test d'implémentati d'exigence | #6 | Joystick | Send joystick alive message by BUSMASTER
A setup message has to be sent by the controller
With BUSMASTER send a joystick measurement
Check the right value for torque and position | | |