CANDIIVE SI	man Dashboard	Pin Assignment				
For STM board 1(CAN Node 1)				For STM board 2(CAN I	Node 2)	
Peripheral	Microcontroller Pin	Peripheral Pin		Peripheral	Microcontroller Pin	Peripheral Pin
·	5V	Vcc		-	3.3V	Vcc
	GND	GND		TMP102	GND	GND
	PA1 (ADC3_IN1)	Out			PB10	SCL
					PB11	SDA
	PB1 (TIM3_CH4)	Pin 1 (Enable driver) - PWM gen.				
L293D Motor Driver	PE4, PE6	Pin 2,7 (Driver Input) - motor direction			3.3V	Vcc
	-	Pin 3,6 (Driver Output) - to the motor terminals		Reed Switch	PA5	Out
	GND	Pin 4,5			GND	GND
	-	Pin 8 (Vcc2) - Power Vcc for motor				
	5V	Pin 16 (Vcc1) - 5V supply for logic translation			3.3V	Vcc
				CAN Transceiver	PB8 (CAN RX)	Tranceiver Rx
	3.3 V	Vcc		sn65hvd230	PB9 (CAN TX)	Tranceiver Tx
Infrared Sensor	PA6 (GPIO_EXTI6)	Out			GND	GND
	GND	GND				
	3.3V	Vcc				
CAN Transceiver	PB8 (CAN RX)	Tranceiver Rx				
sn65hvd230	PB9 (CAN TX)	Tranceiver Tx				
	GND	GND				
CAN Data F	Payload format					
MSB				LSB		
Byte 0	Byte 1-2	Byte 3	Byte 4-5	Byte 6-7		
speed	distance travelled	temperature+Door	current	voltage		