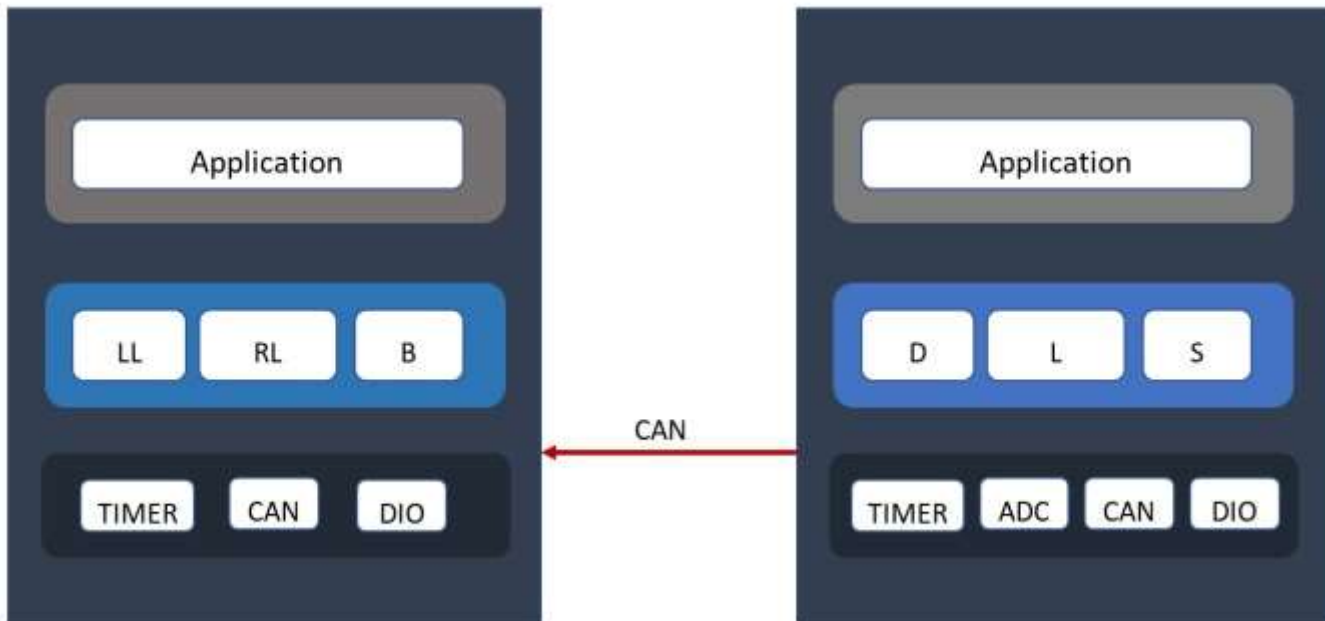
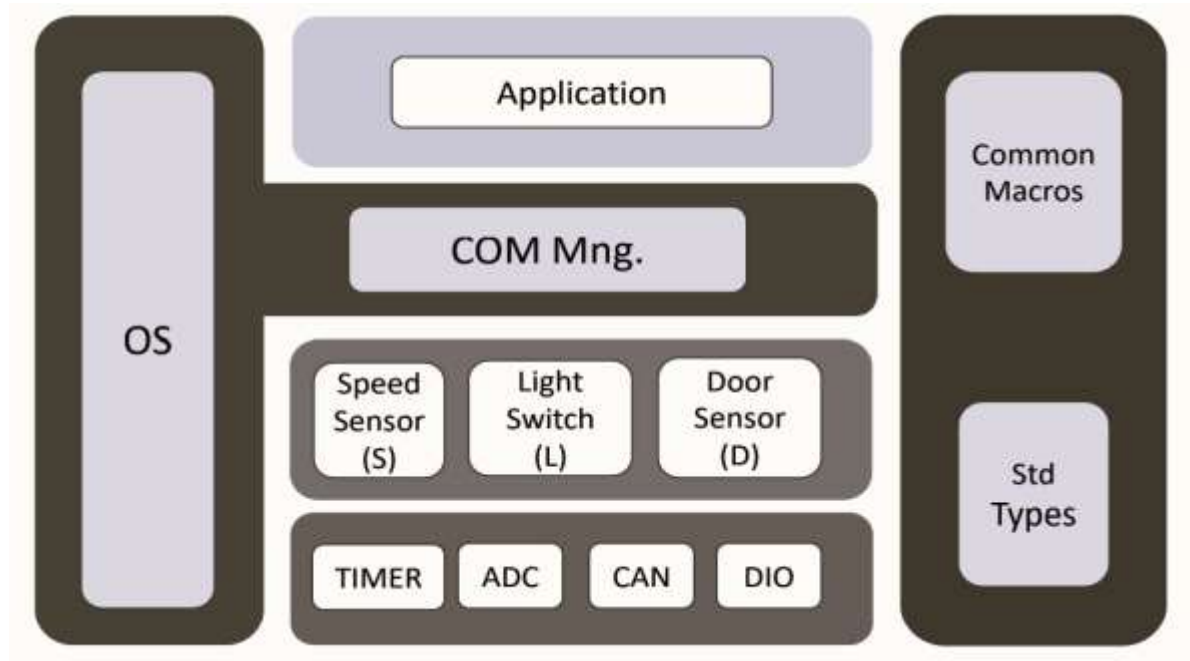
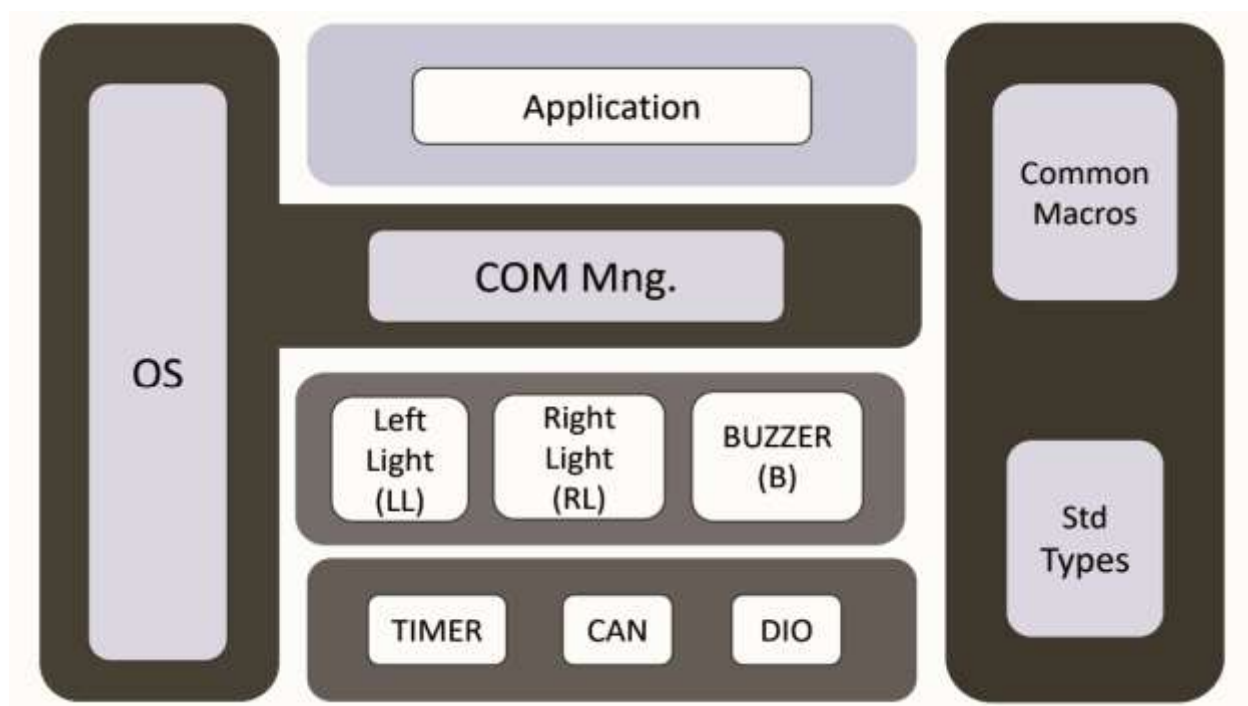


Static Design





ECU_1



ECU_2

ECU_1 APIs and typedefs:

DIO	APIs		
	DIO_Init()	DIO_Read()	DIO_Write()
	initialize DIO	Reading the channel value	Write on the channel low or high
	typedefs		
	PinNumber	PortNumber	PinLevel
	PORTA to PORTF	PIN0 to PIN7	HIGH or LOW
Timer	APIs		
	TIMER_Inti()	TIMER_Start()	TIMER_Stop()
	initialize the timer	Start the timer	Stop the timer
	typedefs		
	TIMER_Channel		
	The channel of the timer		

ADC	APIs		
	ADC_Init()		ADC_Read()
	initialize ADC		Reading the channel value
	typedefs		
	ADC_Channel		
	The channel of the ADC		

CAN	APIs		
	CAN_Init()	CAN_Baudrate()	CAN_SendData()
	initialize the CAN	Set the baudrate to CAN	Send the data by the CAN
	CAN_ReceiveData()		
	Receive data from CAN		

Door Sensor	APIs		
	DoorSen_Init()		DoorSen_ReadValue()
	initialize the sensor		Reading the value of the sensor
Light Switch	APIs		
	LightSW_Init()		LightSW_ReadValue()
	Initialize the Light Switch		Reading the value of the Light Switch
Speed Sensor	APIs		
	SpeedSen_Init()		SpeedSen_ReadValue()
	initialize the sensor		Reading the value of the sensor

ECU_2 APIs and typedefs:

DIO	APIs		
	DIO_Init()	DIO_Read()	DIO_Write()
	initialize DIO	Reading the value of the channel	Write on the channel low or high
	typedefs		
	PinNumber	PortNumber	PinLevel
	PORTA to PORTF	PIN0 to PIN7	HIGH or LOW
Timer	APIs		
	TIMER_Inti()	TIMER_Start()	TIMER_Stop()
	initialize timer	Start the timer	Stop the timer
	typedefs		
	TIMER_Channel		
	The channel of the timer		

CAN	APIs		
	CAN_Init()	CAN_Baudrate()	CAN_SendData()
	initialize the CAN	Set the baudrate to CAN	Send the data by the CAN
	CAN_ReceiveData()		
	Receive data from CAN		

Light Right	APIs		
	LR_Init()	LR_ON()	LR_OFF()
	Initializes light	Turn on the light	Turn off the light

Light Left	APIs		
	LL_Init()	LL_ON()	LL_OFF()
	Initializes light	Turn on the light	Turn off the light

Buzzer	APIs		
	Buz_Init()	Buzzer_ON()	Buzzer_OFF()
	Initializes Buzzer	Turn on the buzzer	Turn off the buzzer

