

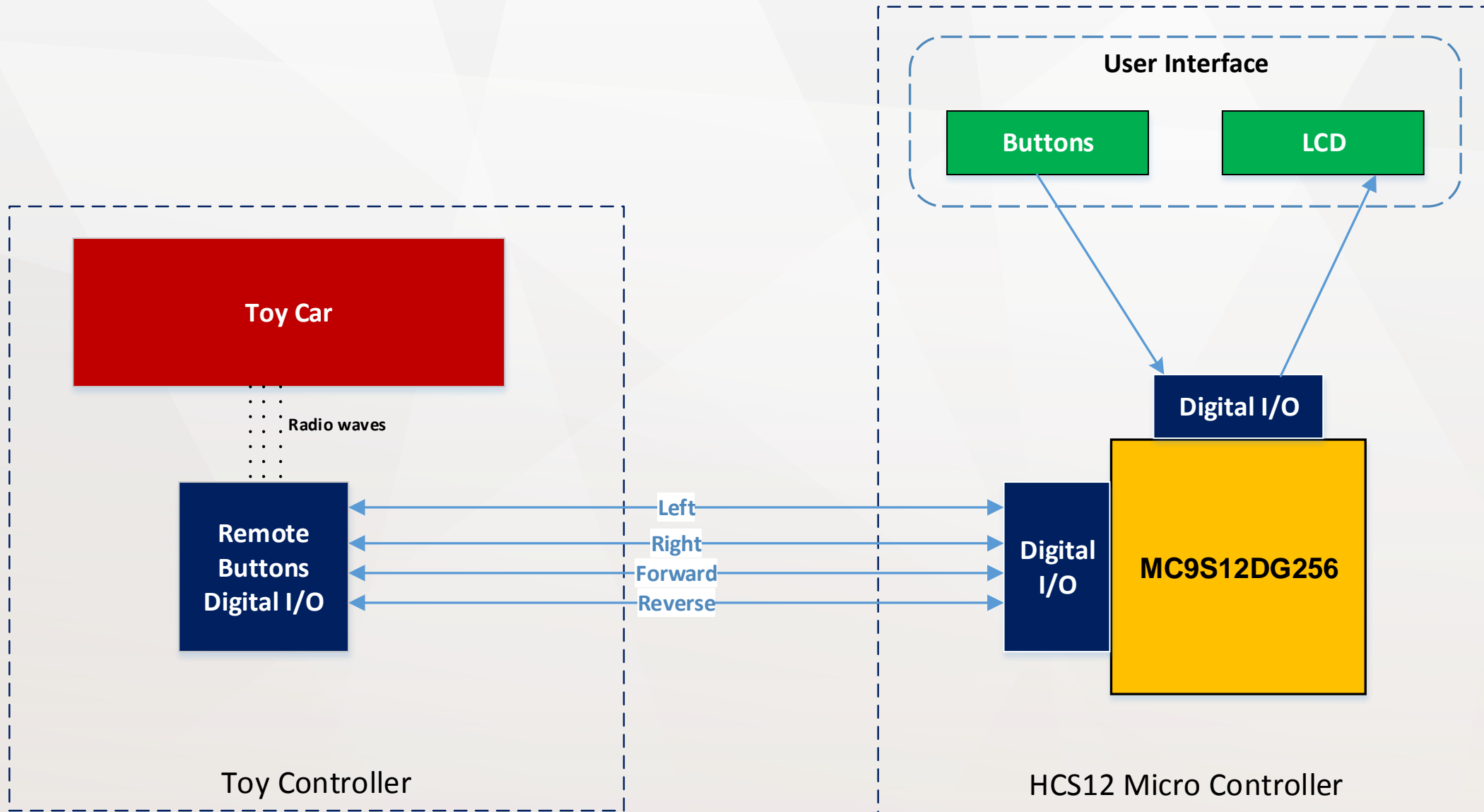


# Toy Car Control

Record Drive and Play...

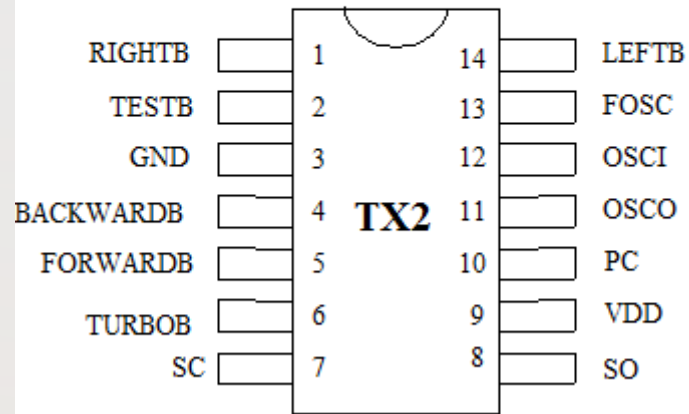
Padmaja, Anuradha & Haneen

# Block Diagram



# Tx2 Remote Control Chip

## Pin Assignment Transmitter



## Absolute Maximum Ratings

DC Supply Voltage.....0.3V to 5.0V  
Input/Output Voltage.....GND -0.2V to VDD + 0.2V  
Operating temperature.....-10°C to 60°C  
Storage Temperature.....-25°C to 125°C

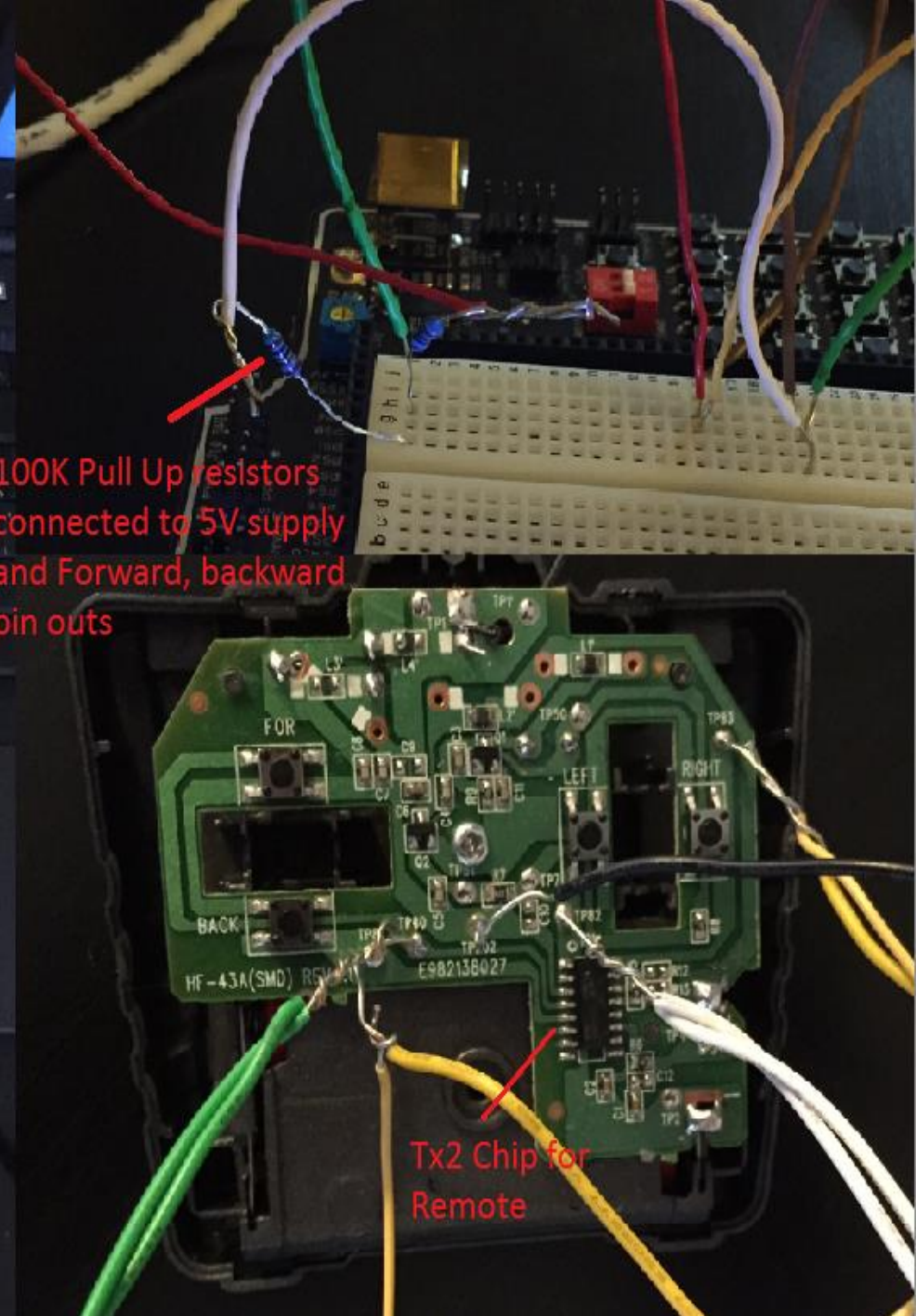
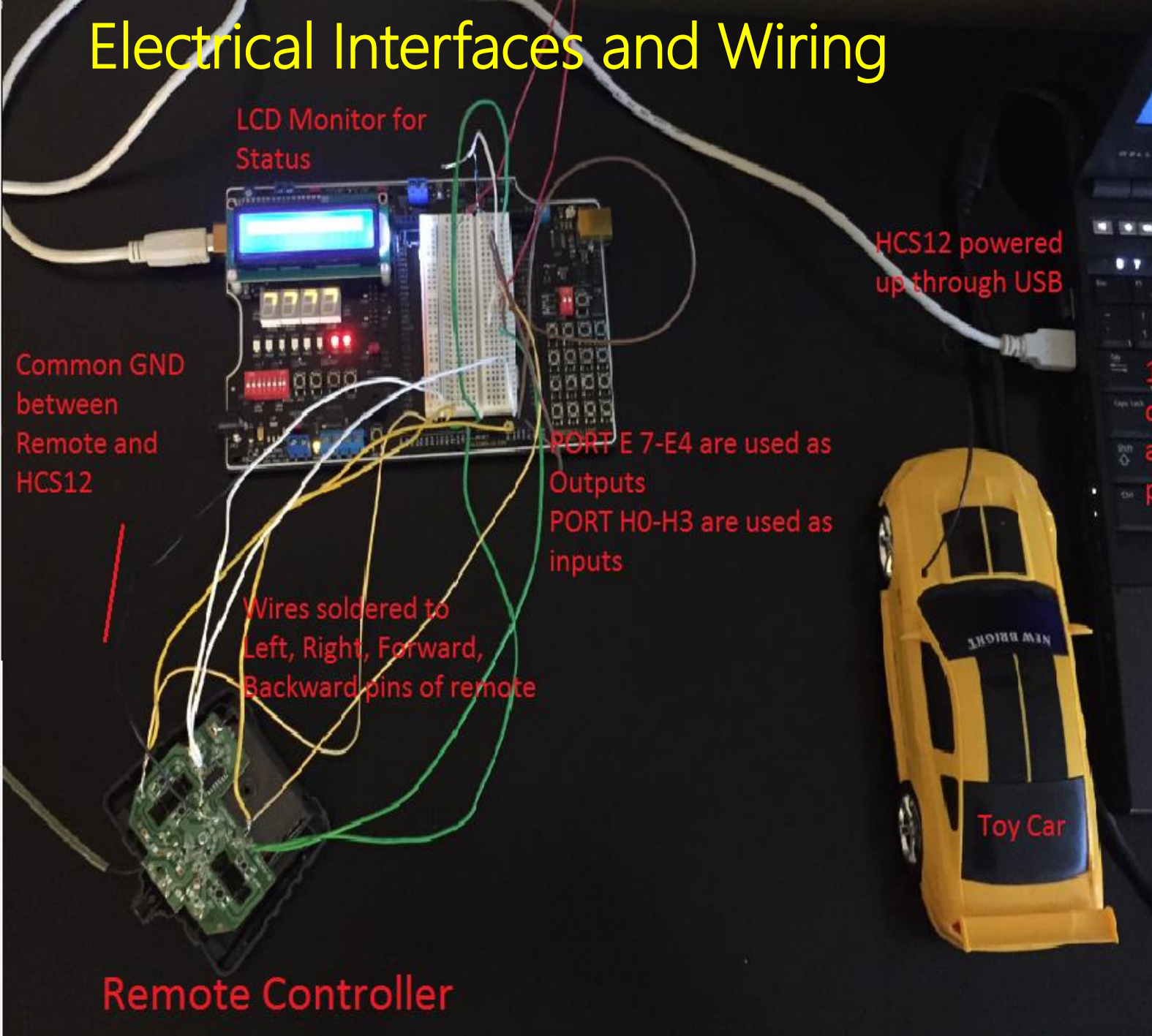
## Electrical Characteristics

TX2

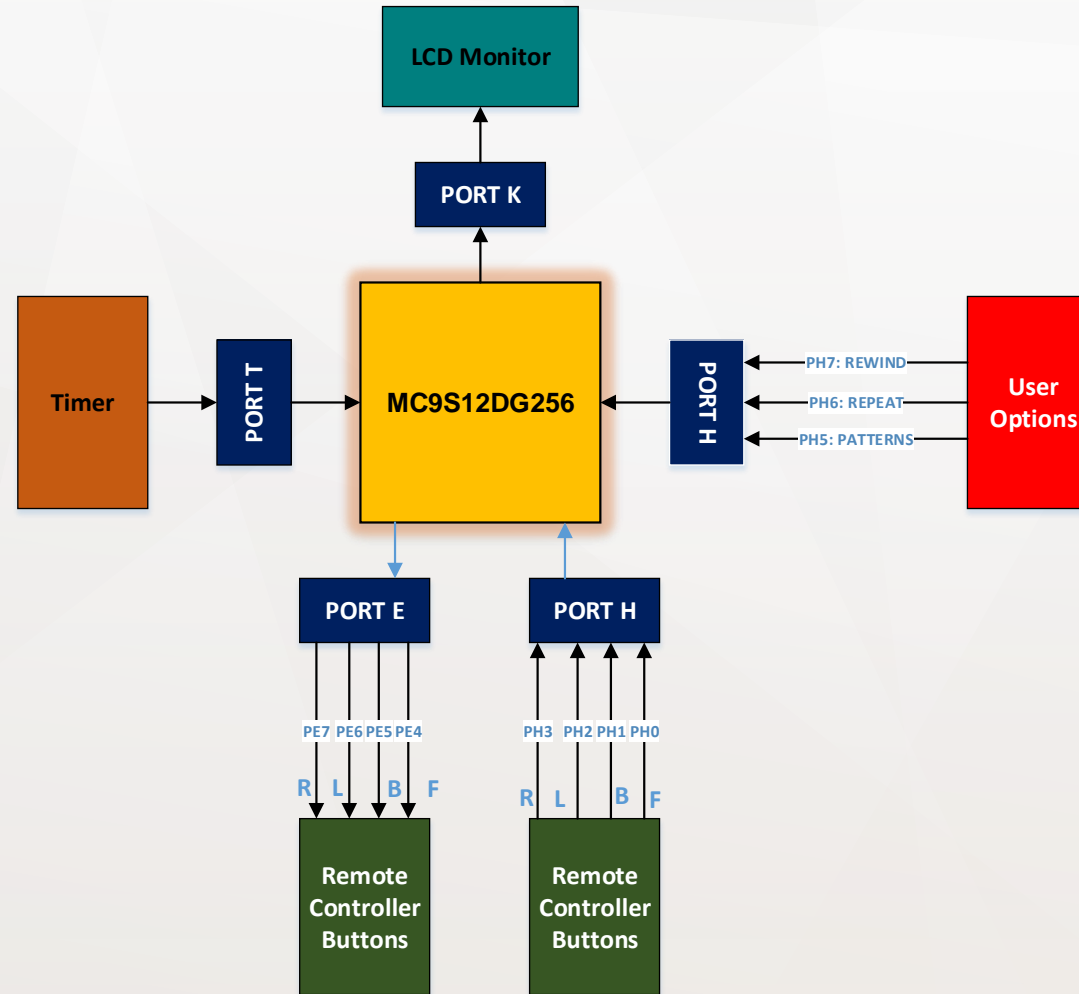
(VDD=4.5V, Fosc = 128KHz, T<sub>A</sub>=25°C, unless otherwise specified.)

Parameter	Symbol	Min.	Typ.	Max.
Operating Voltage	VDD	2.4V	4.0V	5.0V
Operating Current	I <sub>dd</sub>	-	-	1mA
Stand-by Current	I <sub>stb</sub>	-	-	1μA
DC O/P Driving Current	I <sub>drive</sub>	5mA	-	-
AC O/P Driving Current	I <sub>drive</sub>	5mA	-	-
AC O/P Frequency	F <sub>audio</sub>	500Hz	-	1KHz

# Electrical Interfaces and Wiring

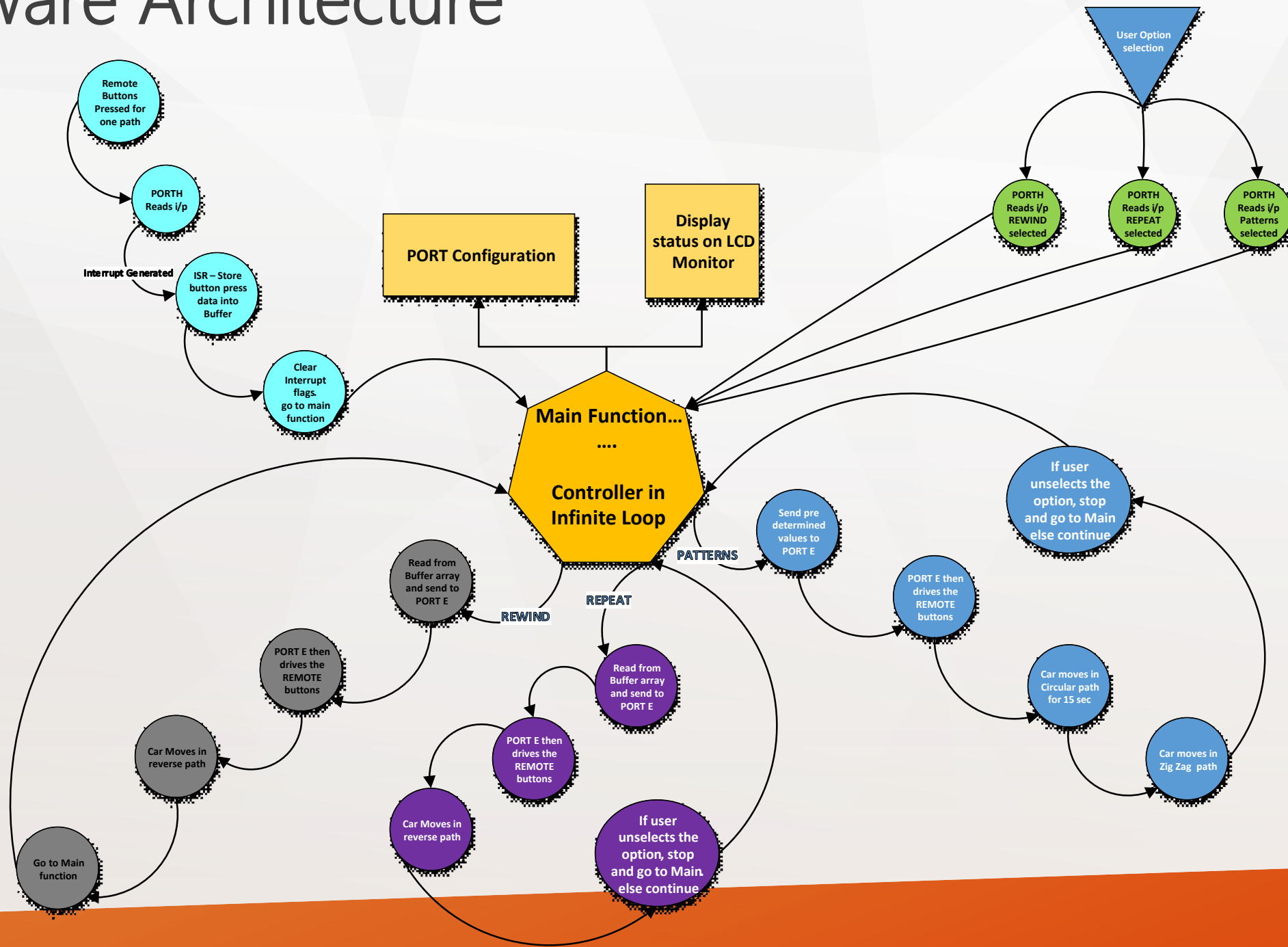


# Hardware Architecture





# Software Architecture





**Q & A**



Thank You