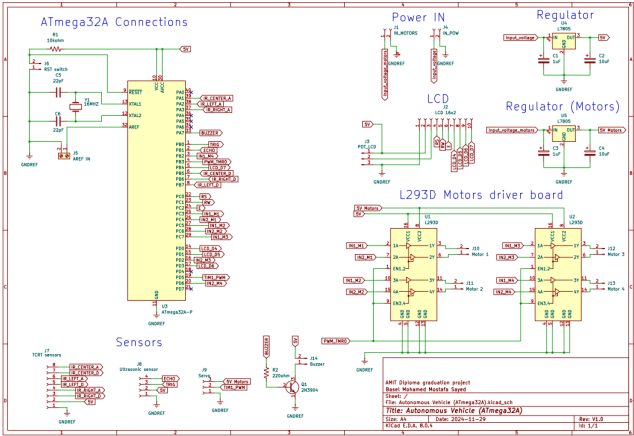
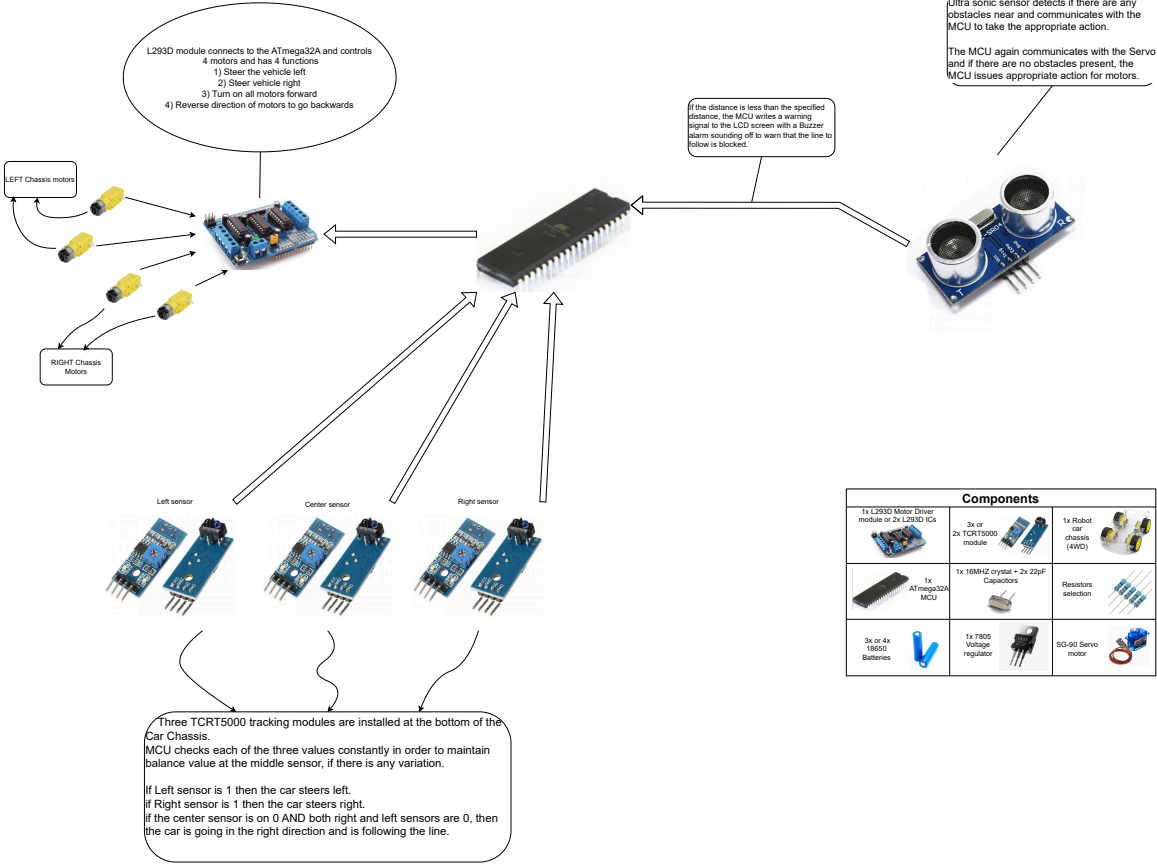
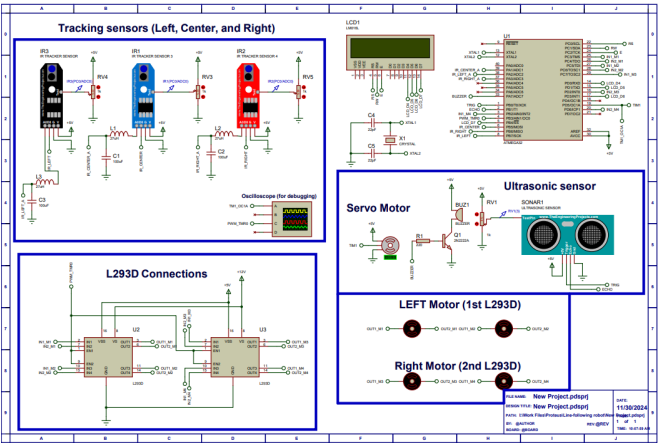


Line Following Robot Vehicle (AMIT Diploma Graduation Project)

Circuit Schematic



Proteus Simulation schematic



Components			
1x L293D Motor Driver module or 2x L293D ICs	3x or 2x TCRT5000 module	1x Robot car chassis (WVO)	
1x ATmega32A MCU	1x 10MHz crystal + 2x 22pF Capacitors	Resistors selection	
3x or 4x 18650 Batteries	1x 7805 Voltage regulator	SG-90 Servo motor	