

## FOOTBALL GAMING ROBOT

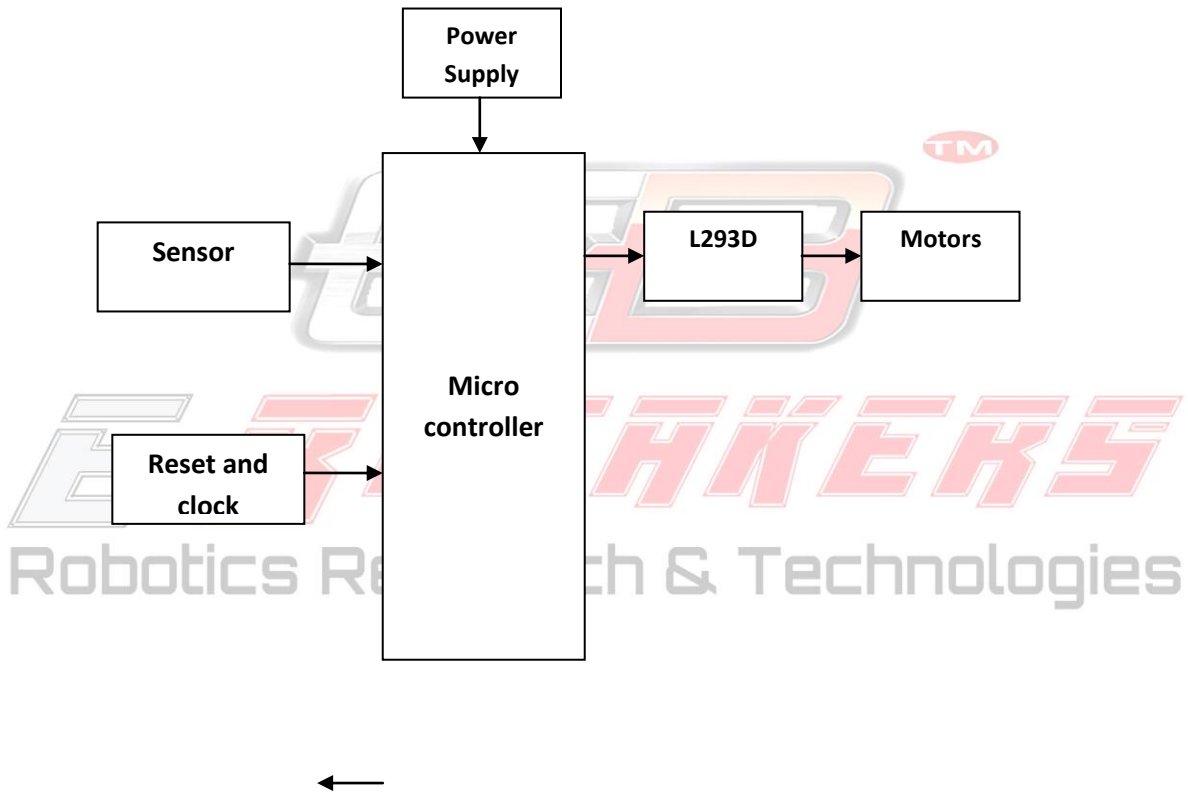
### Description:

New technology may be able to help answer the cries to reduce casualties resulting from friendly fire and collateral damage, as well as assist the military in performing urban operations. Unmanned vehicles, whether air, land or sea, are one means to get our airmen, soldiers, marines, and sailors out of harm's way and are most likely a key driver to an upcoming revolution in military affairs (RMA) for all services. The major objective of the paper is to bring attention to of Tactical Mobile Robots (TMR) and hopefully encourage follow-on studies and to cultivate an enthusiasm to employ them correctly to help get our troops out of harms way and win battles.

This study focuses primarily on the use of TMRs in the special operations environment. The paper discusses the current and immediate TMR capabilities; key logistics concerns regarding maintenance, supply, and transportation; and two possible scenarios, one in an unconstrained battlefield and the other in an urban environment. The data collected was primarily via conducting interviews and witnessing experiments and they highlight a few barriers, which must be addressed if unmanned platforms are to keep pace with congressional orders.

Robotics Research & Technologies

**Block diagram:**



**Hardware requirements:**

1. Micro Controller
2. PC
3. MAX 232
4. L293D
5. Motor



**Software requirements:**



1. Keil software
2. Embedded c

