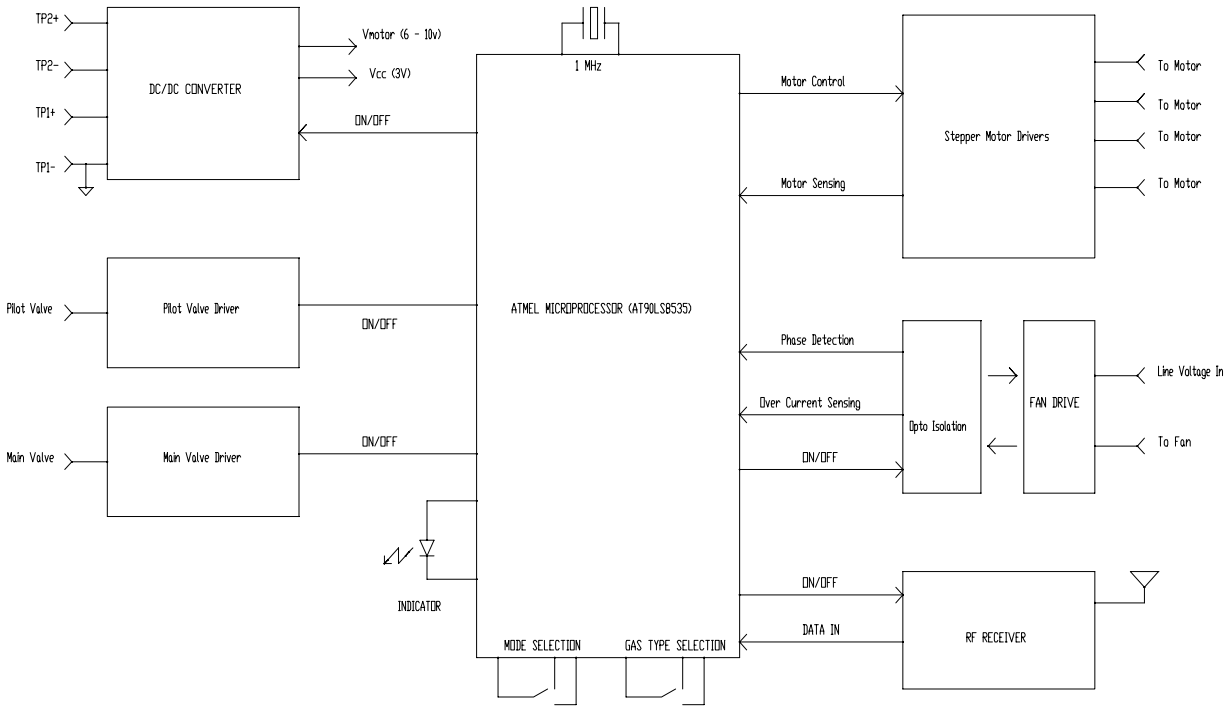MILLI-VOLT RF RECEIVER BOARD BLOCK DIAGRAM