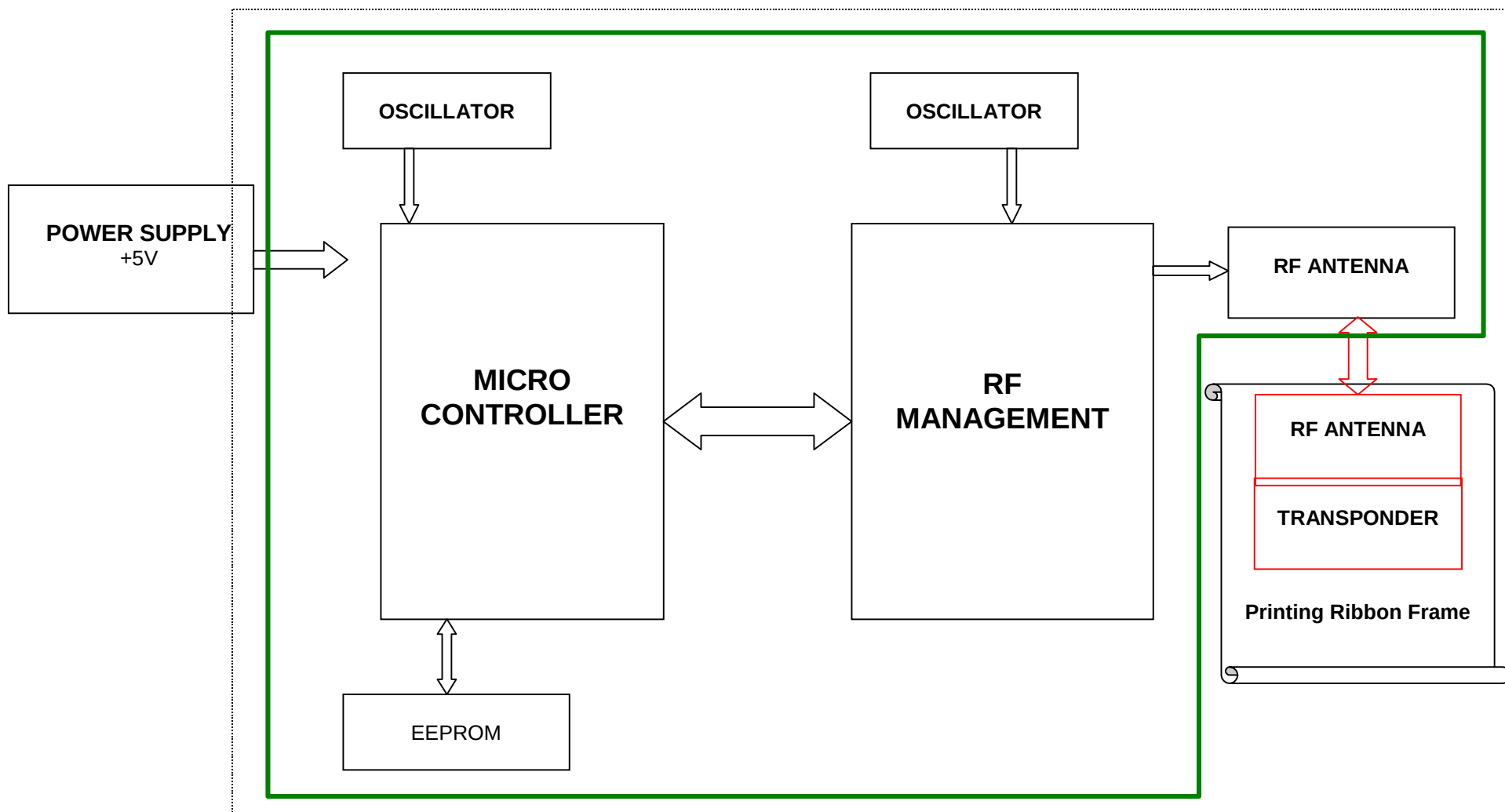


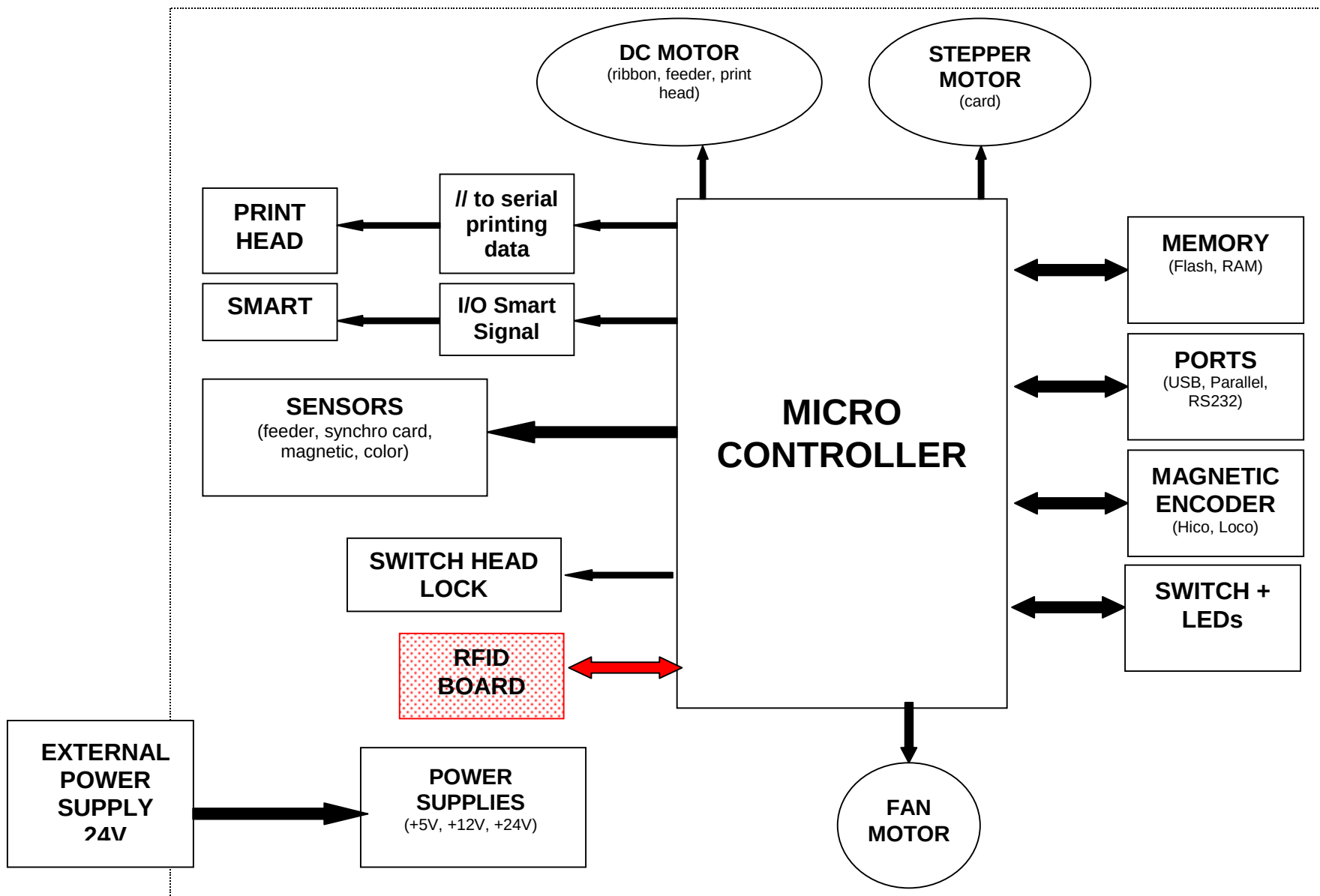


RFID BLOCK DIAGRAM



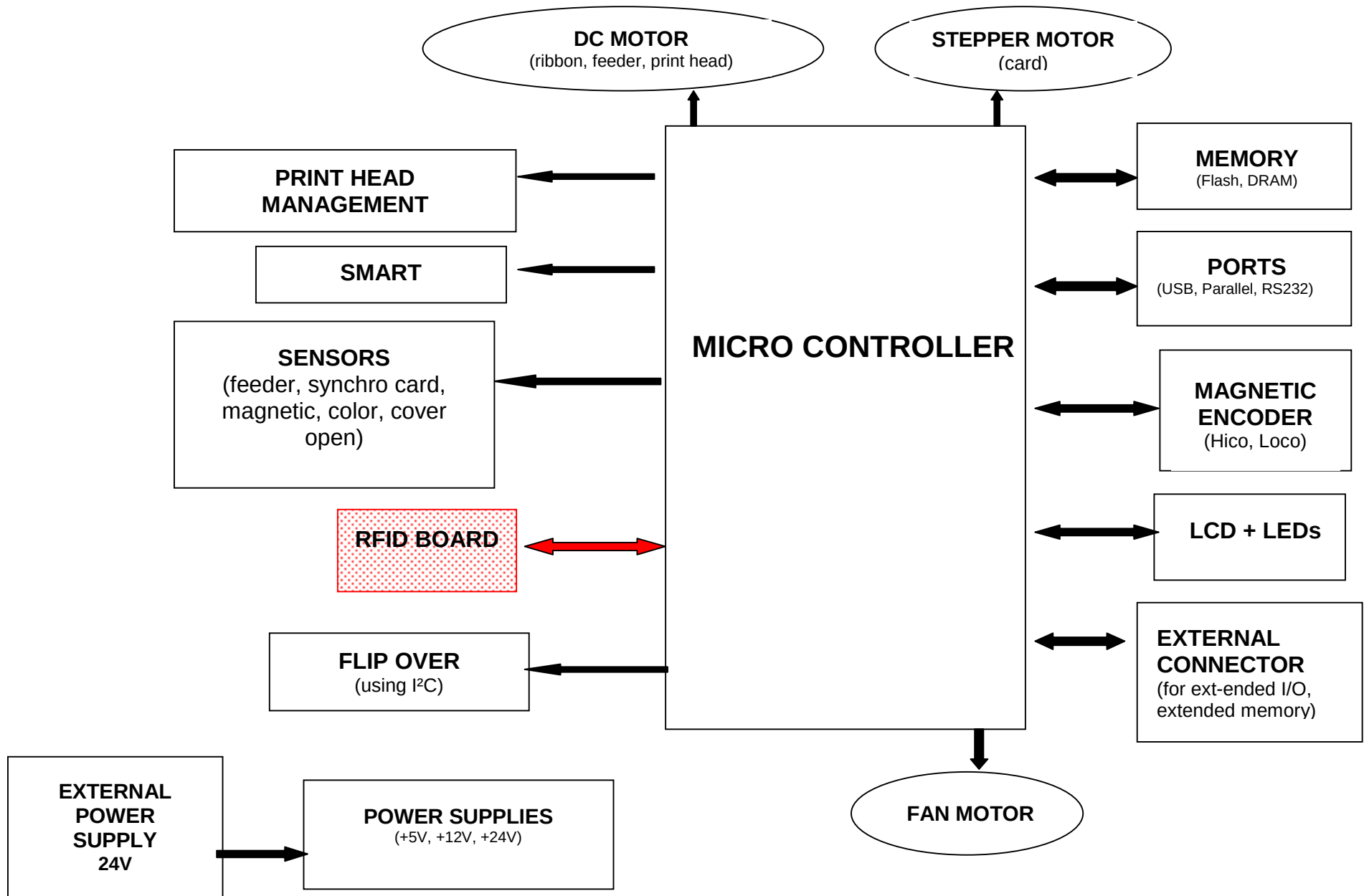


LOCATION OF RFID IN A P210 PRINTER MODEL





LOCATION OF RFID IN A P310 PRINTER MODEL





RFID FUNCTION

DESCRIPTION: When the printing ribbon frame is inserted into the printer, the RFID board functioning at 13,56MHz, send, through the RF antenna, a signal to the transponder in order to power it, this allows the transponder to send back to the board the recognition signal. During operation the two features are communicating each other. The goal of this feature is to recognize the ribbon type as well as the ribbon counter to know the quantity of remaining panels.

