

MMT9000 Block Diagrams

The following are the block diagrams for the RF and digital sections of the MMT9000. The blocks shown are as follows:

Top level
RF section
Ethernet PHY
Microprocessor/MAC memory
Microprocessor/MAC
Baseband processor interface

The MMT9000 is based on the EUM3005, so any references to EUM3005 are intentional and correct.

1 Block Diagrams

1.1 Top Level Block Diagram

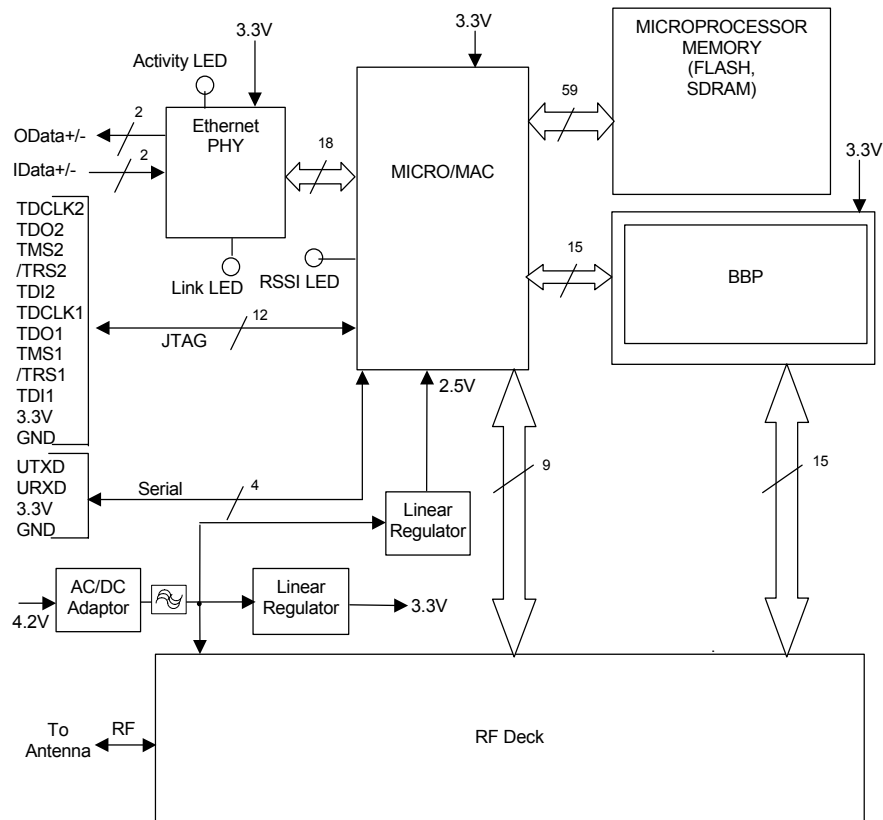


Figure 1.1 – Top Level Block Diagram

1.2 RF Section

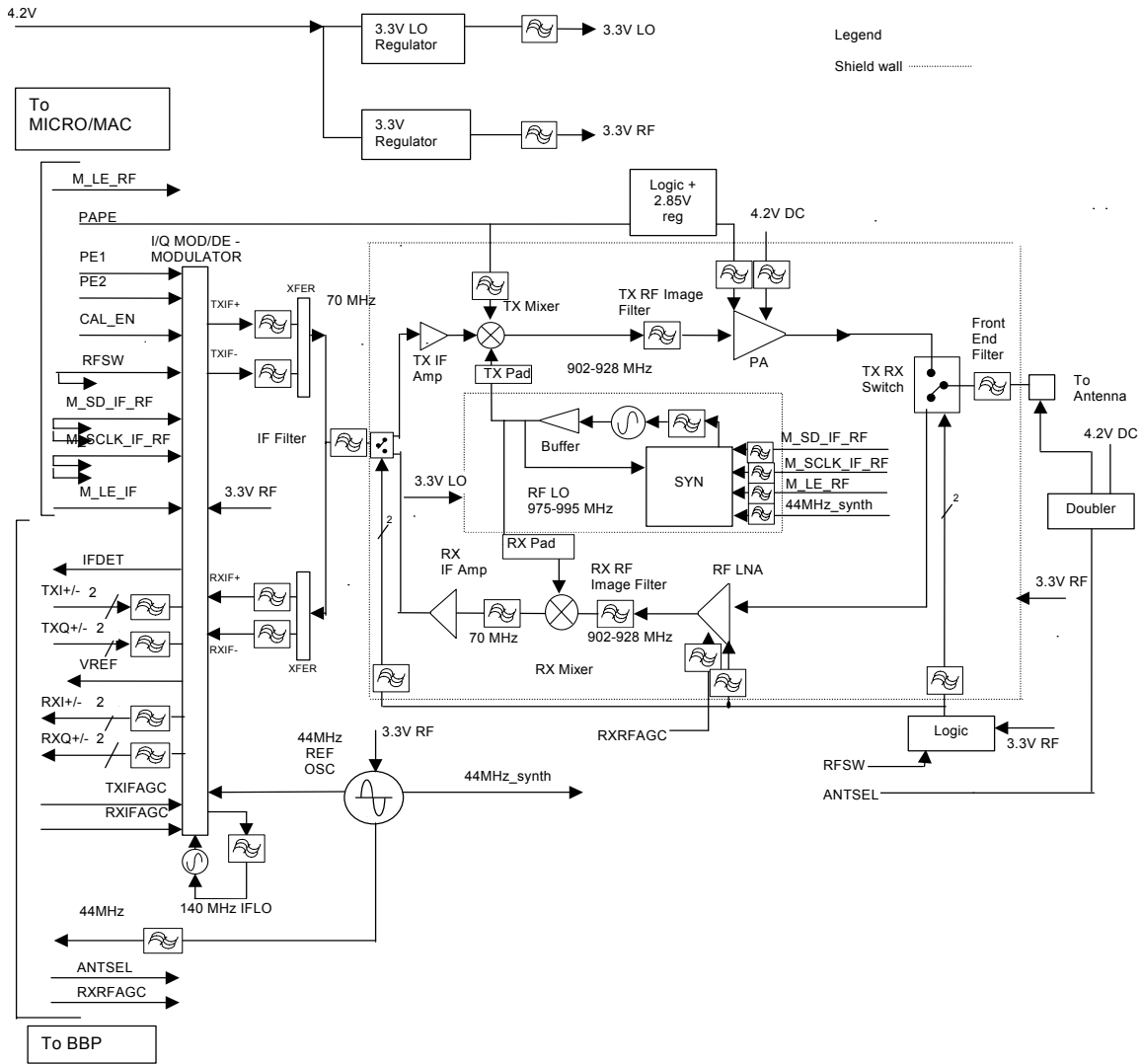
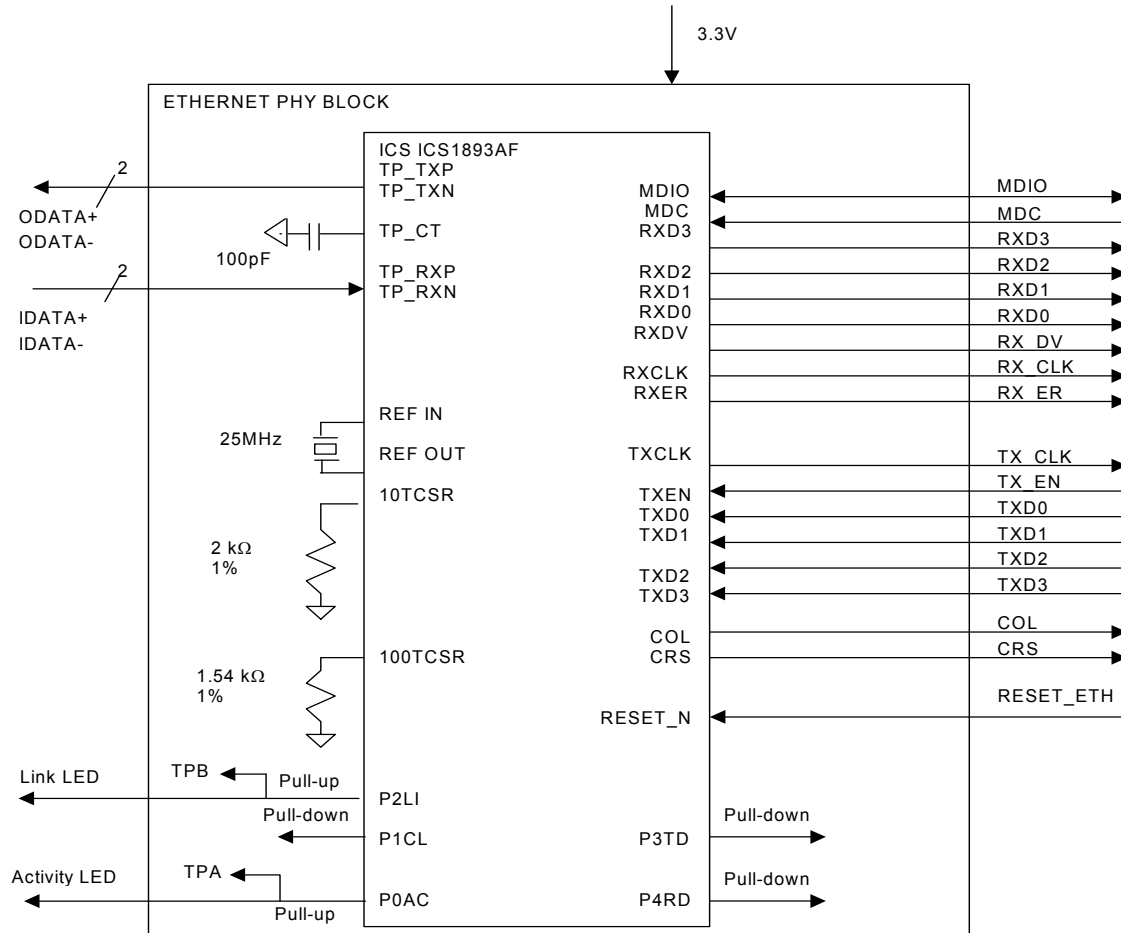


Figure 1.2 – RF Section Block Diagram

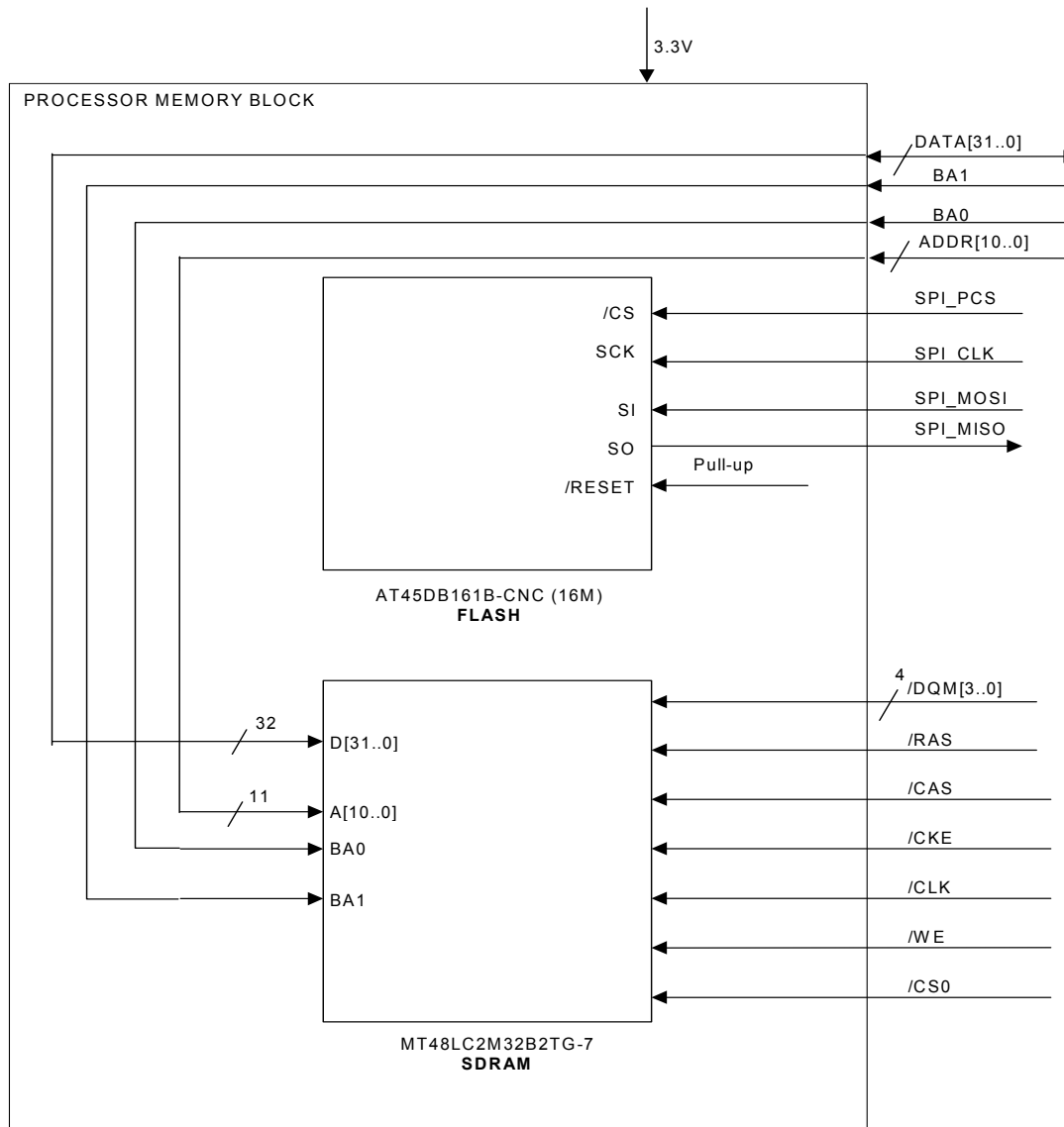
1.3 Digital Section

1.3.1 Ethernet PHY



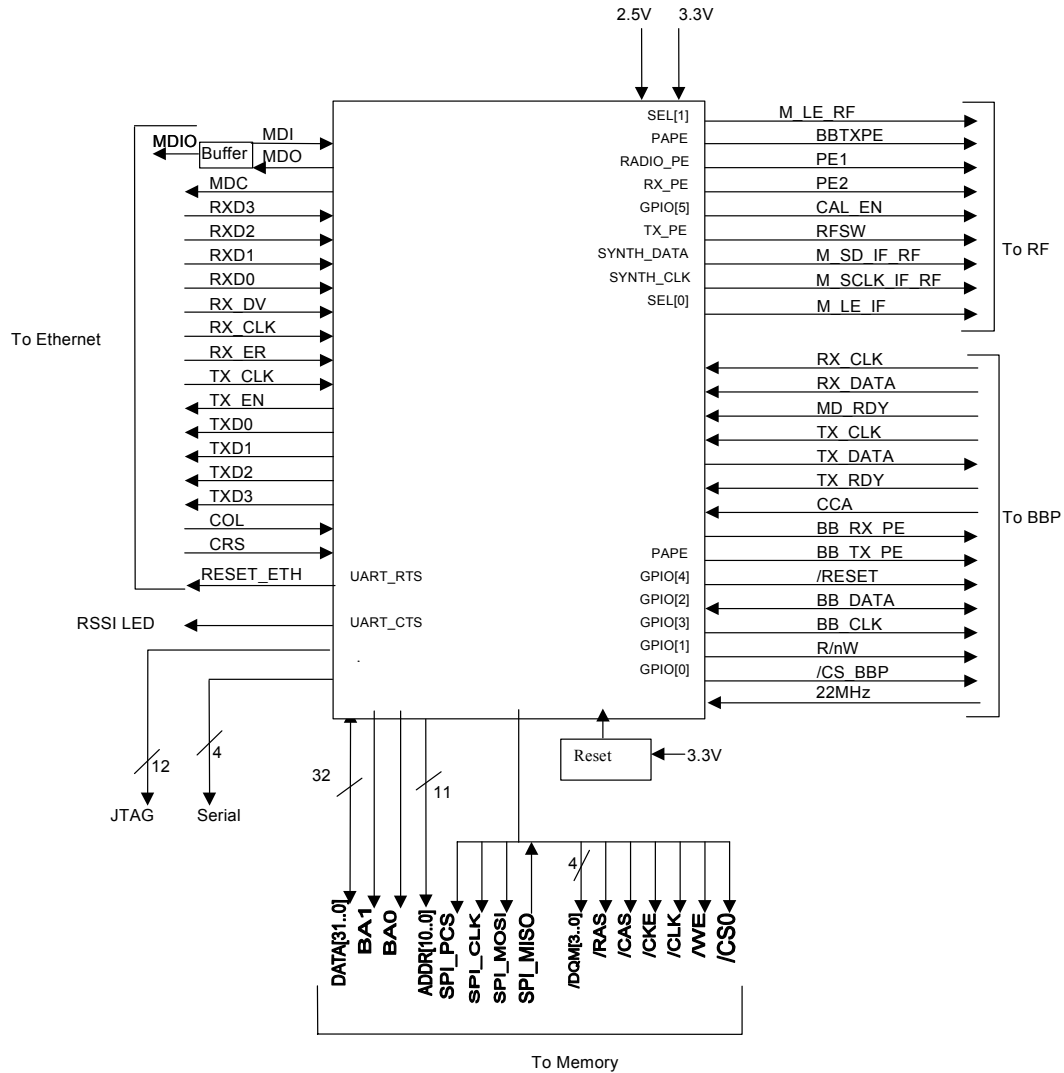
5.3.1 Ethernet PHY Block Diagram

1.3.2 Microprocessor/MAC Memory (FLASH,SDRAM)



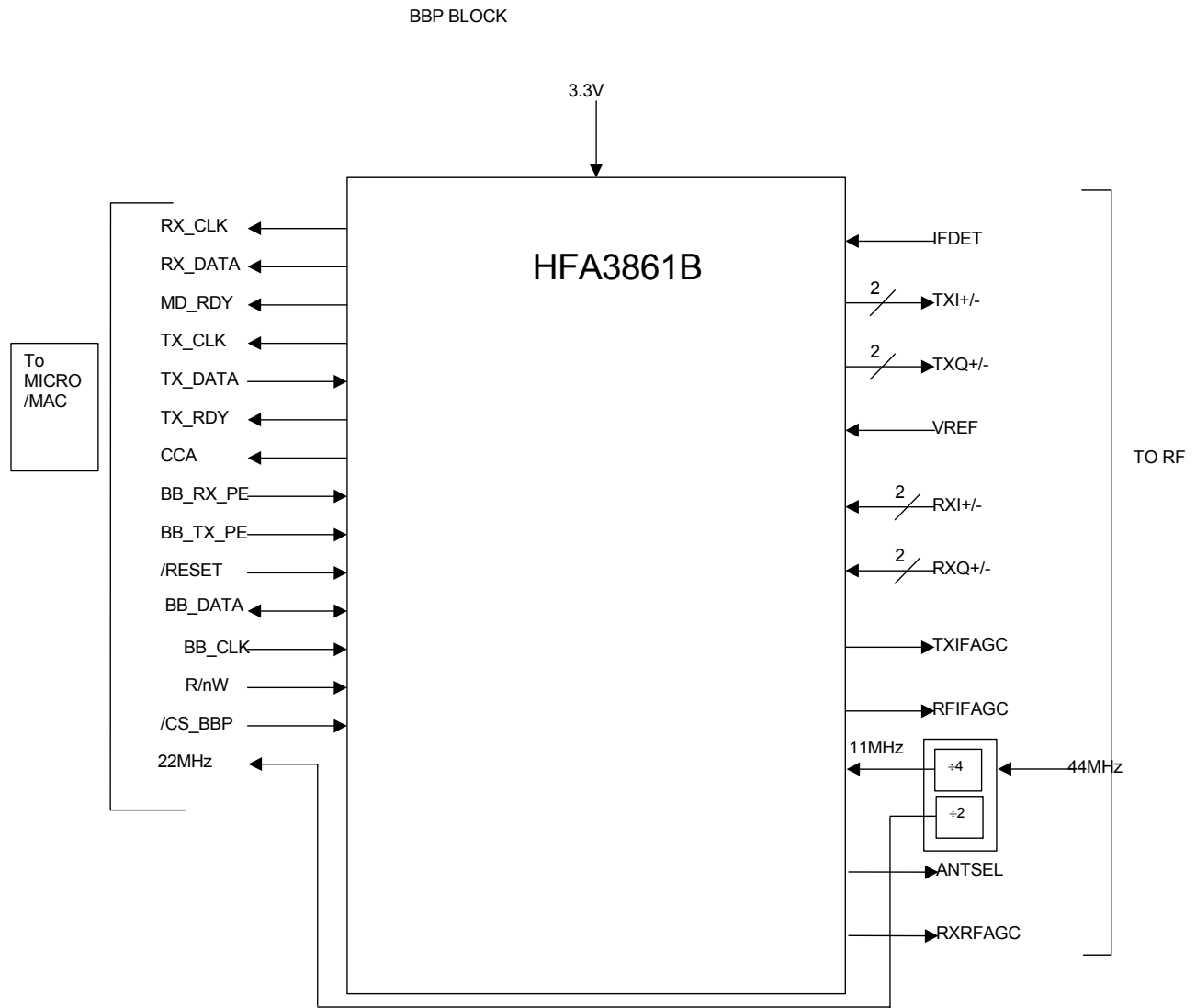
5.3.2 Microprocessor/MAC Memory Block Diagram

1.3.3 Microprocessor/MAC



5.3.3 Microprocessor/MAC Interface Block Diagram

1.3.4 BBP Interface



5.3.4 BBP Interface Block Diagram