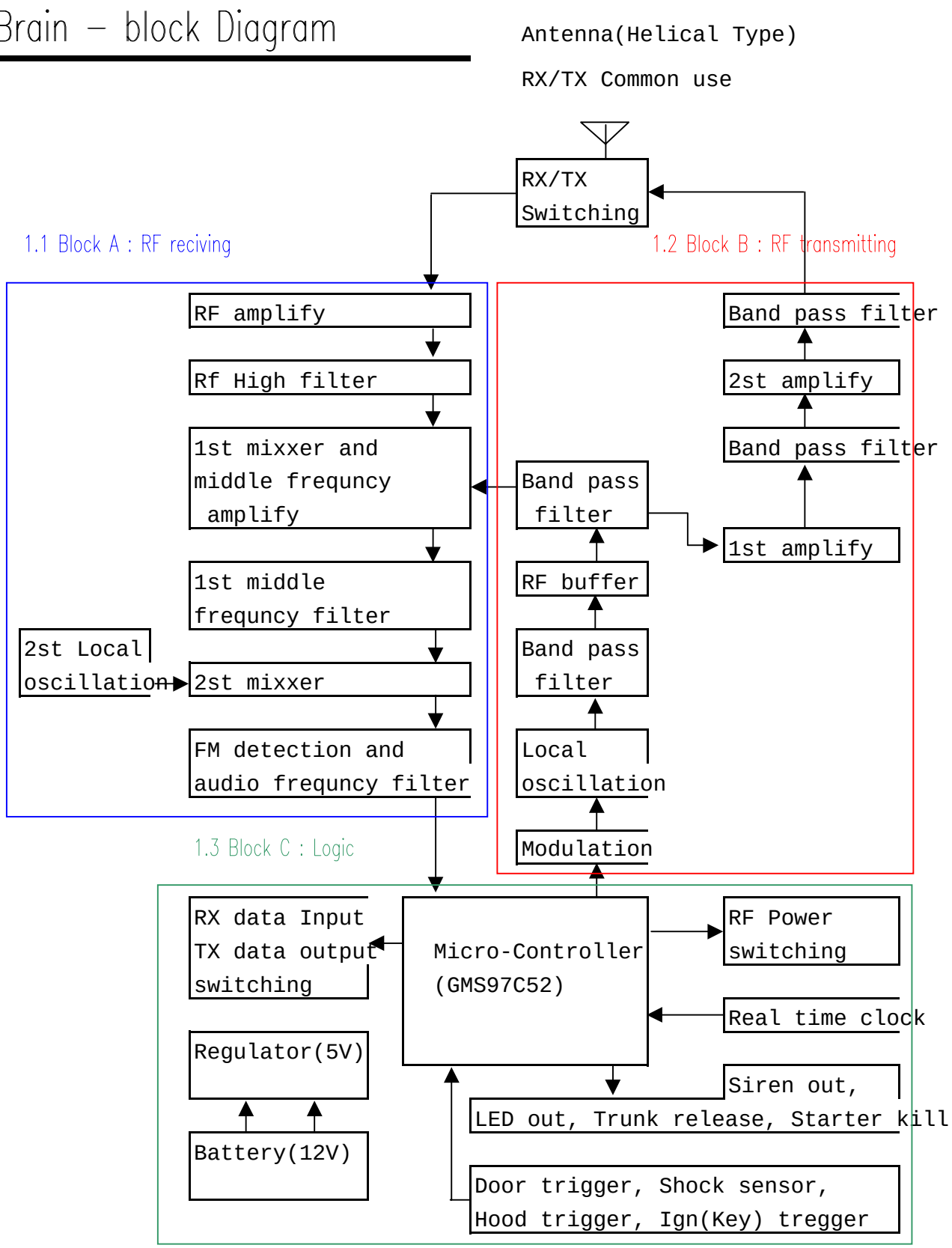Brain – block Diagram