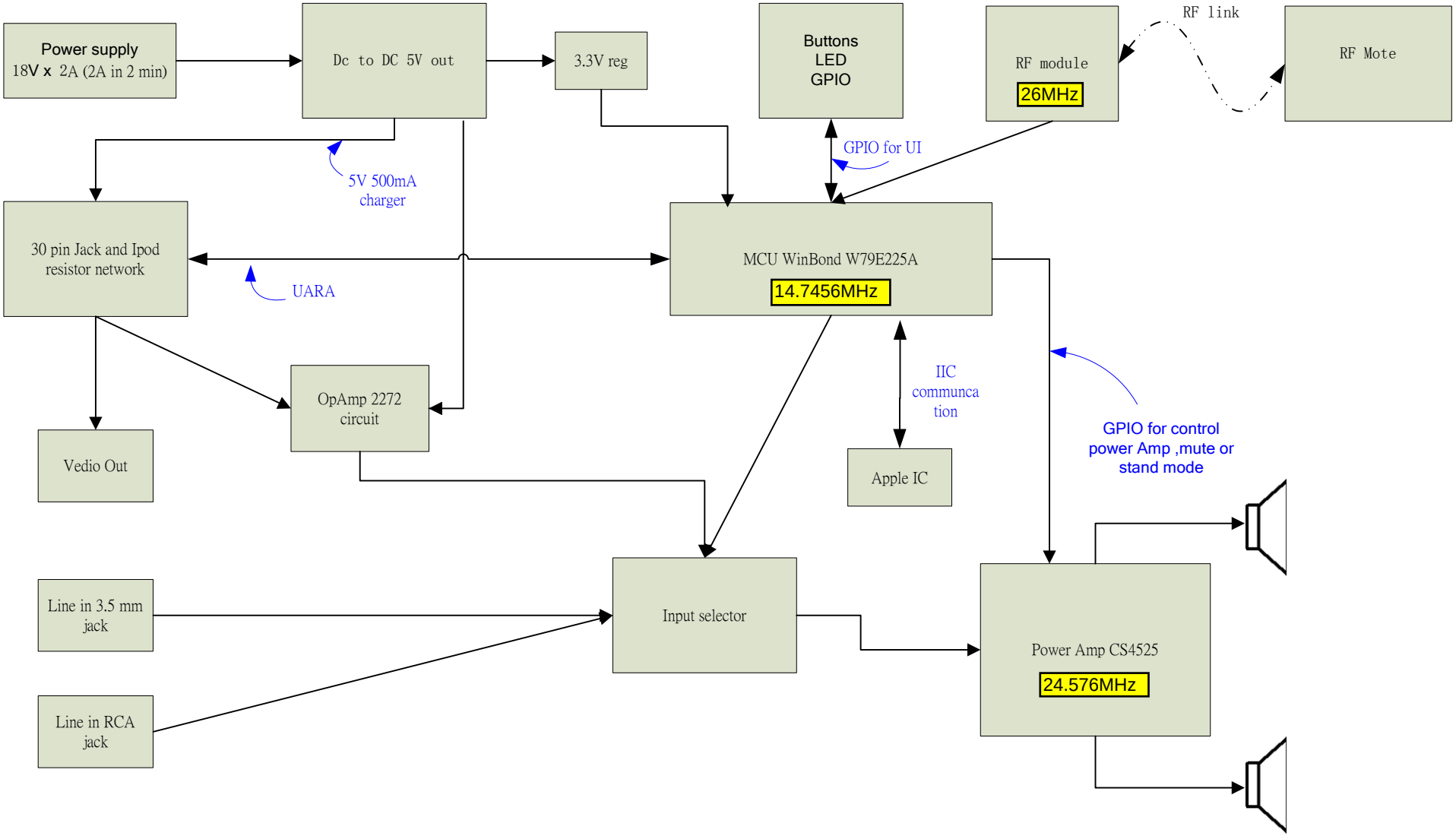Block diagram