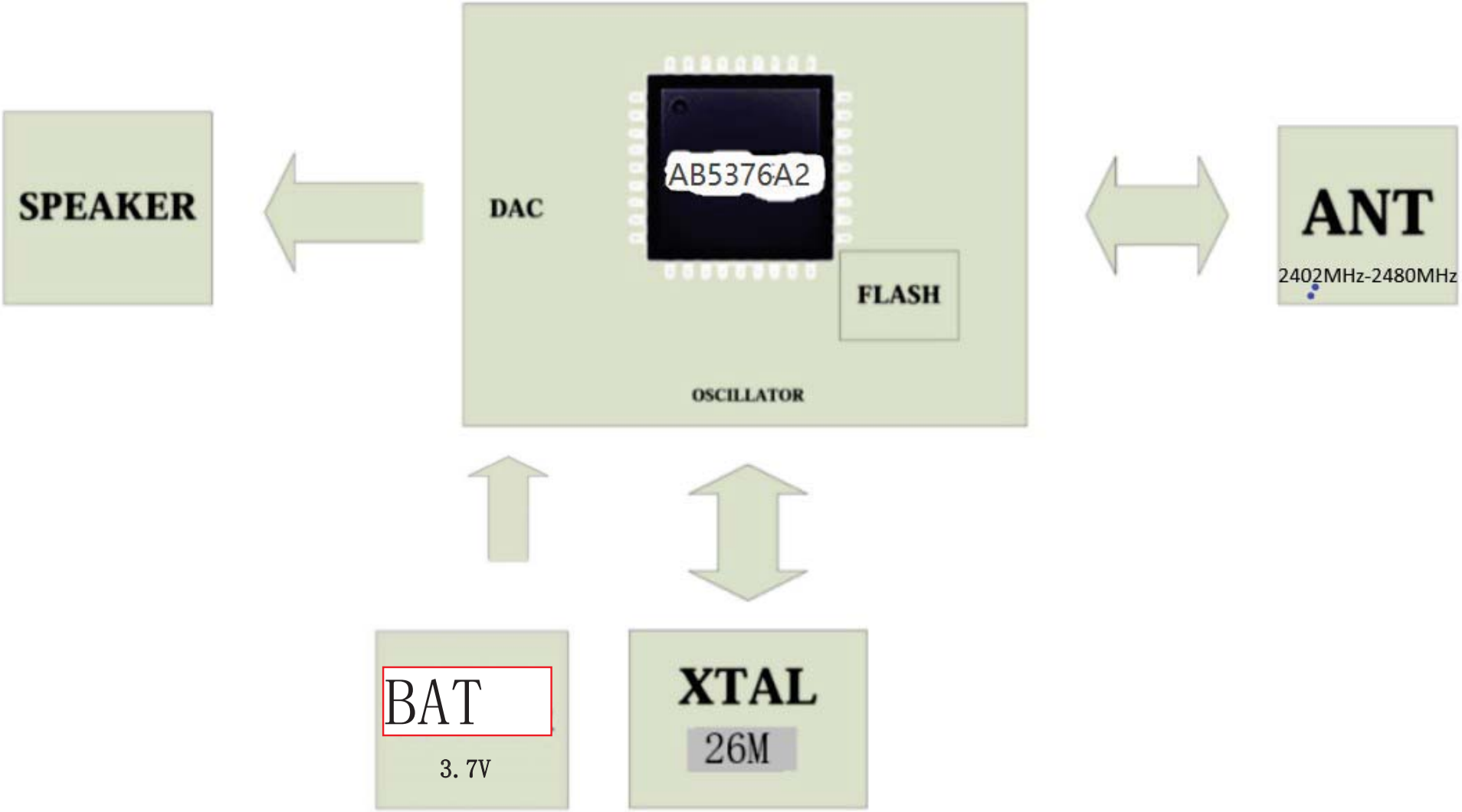# BLOCK DIAGRAM