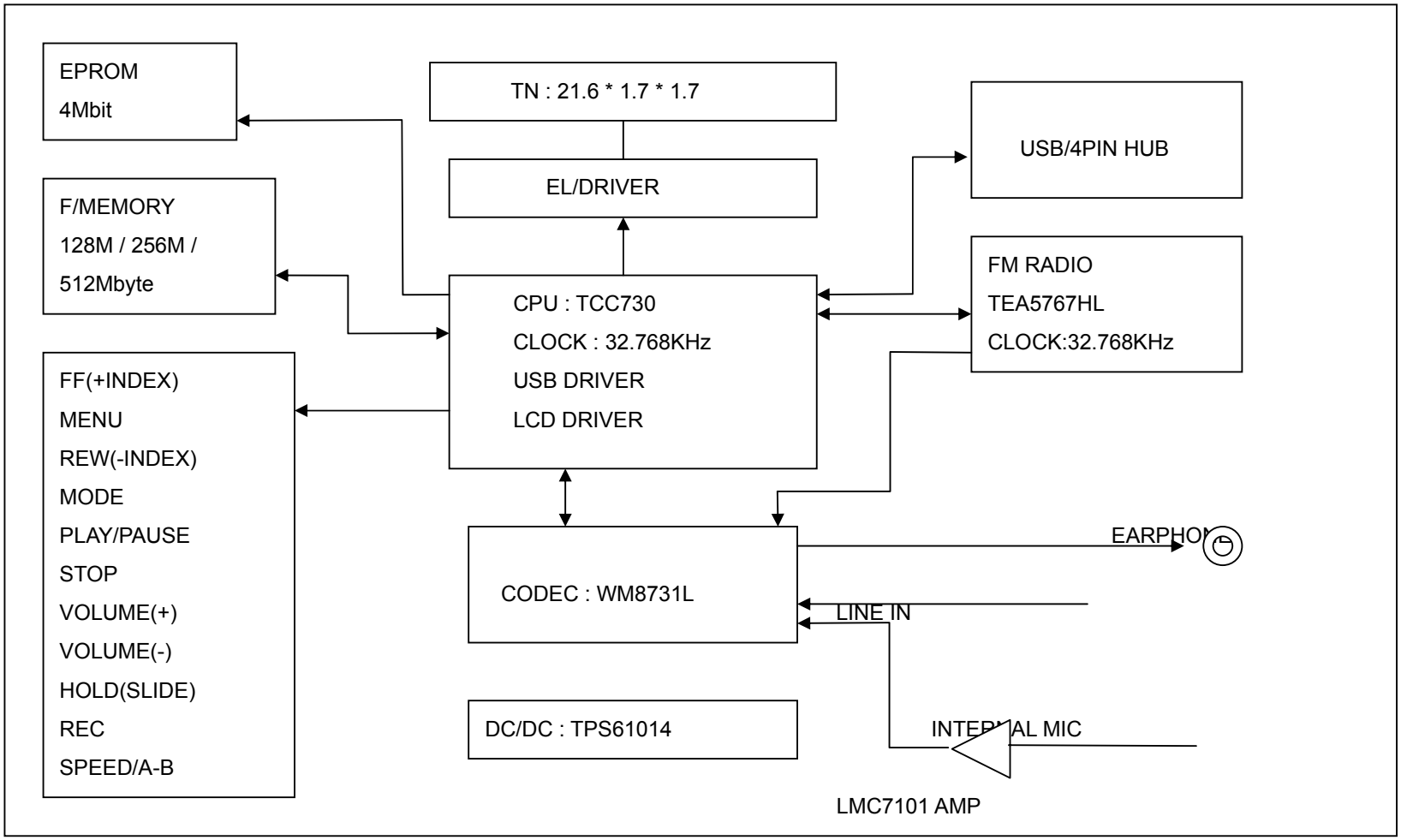- BLOCK DIAGRAM