



完全集成的**77GHz**雷达收发器**TEF810x**

TEF810X

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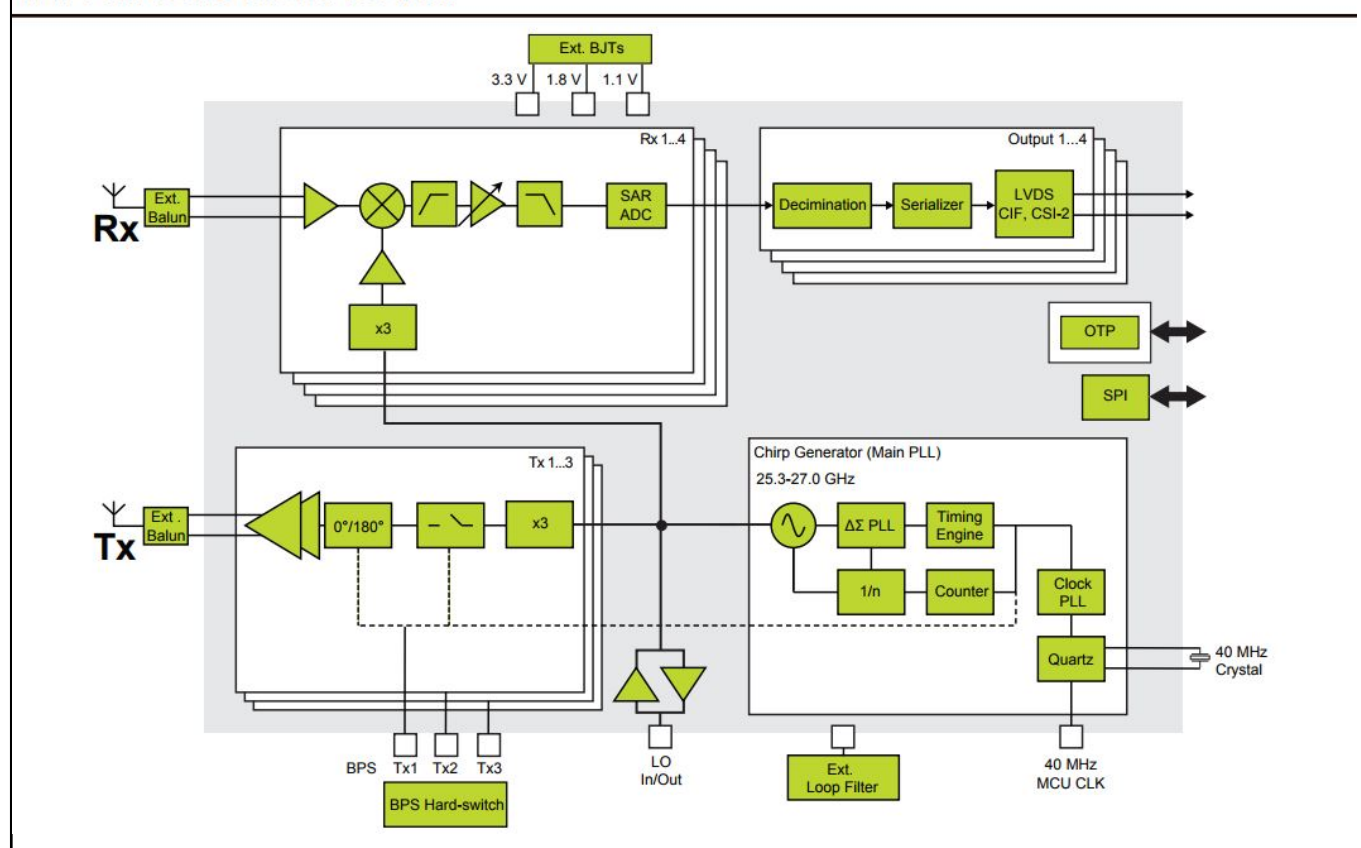
TEF810X是一款完全集成的单芯片RFCMOS 77GHz汽车FMCW雷达收发器。该设备旨在用来涵盖从76GHz到81GHz的整个汽车雷达频段的短程、中程和远程雷达应用。TEF810X雷达收发器是一款低功耗雷达收发器，集成了3个发射器、4个接收器、模数转换器和低相位噪声压控振荡器

该汽车雷达设备可实现以下几种关键的驾驶员辅助和安全应用：

- 自动紧急制动系统(AEB)
- 自适应巡航控制(ACC)
- 盲点监测/侦测(BSD/BSM)
- 倒车后方警示系统(RCTA)
- 前方汽车穿越预警(FCTA)
- 避免后方碰撞(RCA)
- 泊车辅助(PA)
- 后乘人员检测/预警(ROD/ROA)
- 茧形雷达
- 成像雷达

TEF810X结构框图 Block Diagram

TEF810X BLOCK DIAGRAM



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