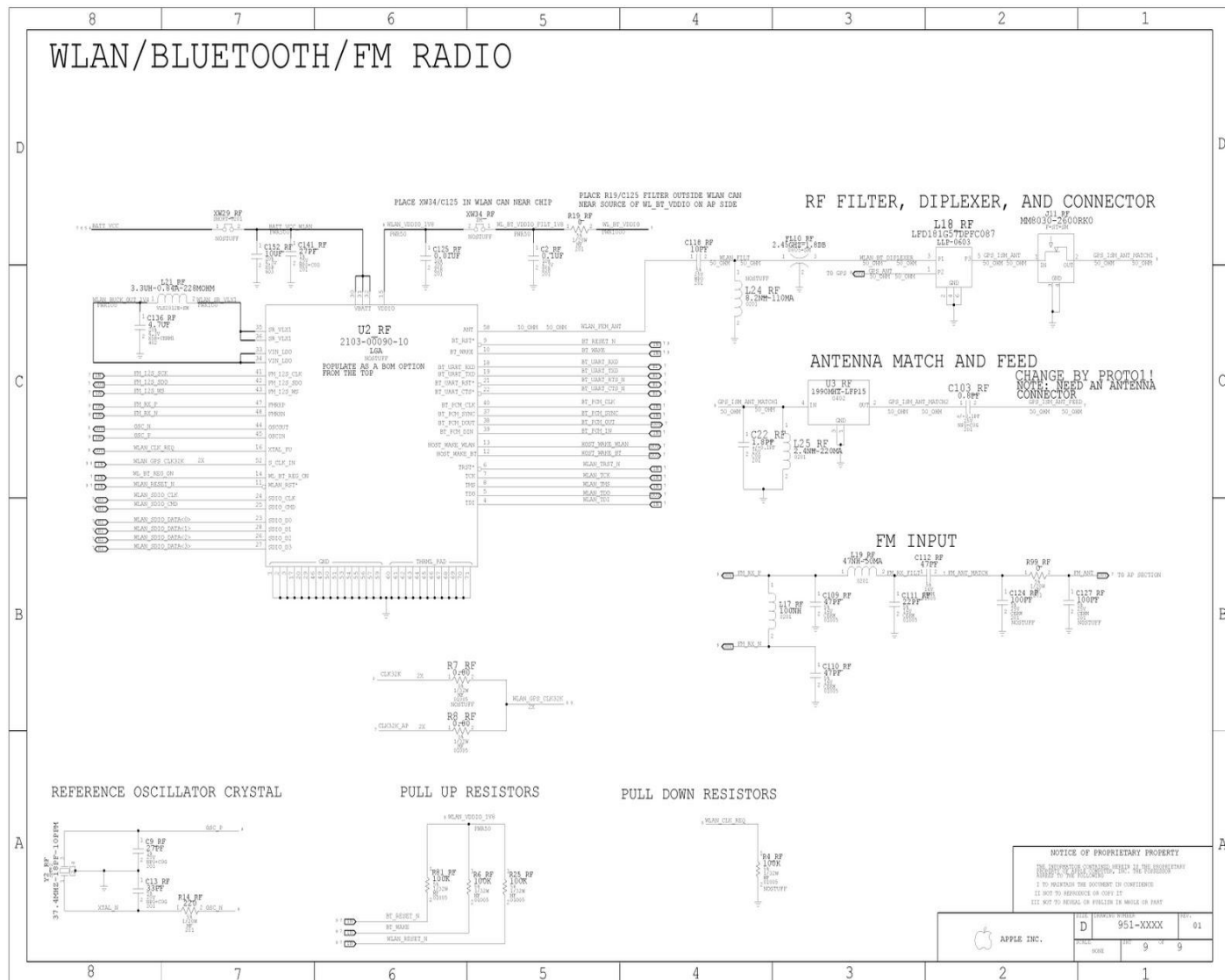


# Iphone 4G Schematic Diagram, circuit diagram, pcb layout

Table of contents schematic : RADIO AND AP SCHEMATIC INSTANTIATION, BOARD, NAND FLASH, SERIAL FLASH, BANK ZERO, RGB/CLCD, TVOUT, AUDIO INTERFACE, HP, ASHLEY PMU, SIM, ACCEL, VIBE, GYRO, HIGHLAND PARK, SWITCHES, DOCK, NIMBUS, GRAPE, LCD CONN, CAMERA, STROBE, ALS, PROX, RADIO CONNECTIVITY, TEST POINTS, BASEBAND AUDIO & IO, BASEBAND MEMORY, BASEBAND POWER SUPPLY, GSM & UMTS TRANSCEIVER - SMARTI UE, POWER AMPS AND RF FRONT-END MODULE, SYSTEM CONNECTORS, DEBUG CONNECTOR, GPS, WLAN/BLEETOOTH/FM RADIO



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## Apple iPhone 4 - Front

- Skyworks SKY77541 GSM/GRPS Front End Module
- Triquint TQM666092 Power Amp
- Skyworks SKY77452 W-CDMA FEM
- Triquint TQM676091 Power Amp
- Apple 338S0626 Infineon GSM/W-CDMA Transceiver
- Skyworks SKY77459 Tx-Rx FEM for Quad-Band GSM / GPRS / EDGE
- Apple AGD1 STMicro 3-axis digital gyroscope
- Apple A4 Processor
- Broadcom BCM4329FKUBG 802.11n with Bluetooth 2.1 + EDR and FM receiver
- Broadcom BCM4750IUB8 single-chip GPS receiver



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## Apple iPhone 4 - Back

- Apple 343S0499 - Texas Instruments Touchscreen controller
- The Cirrus Logic 338S0589 audio codec
- Samsung K9PFG08U5M 256G bit, x8 FLASH MEMORY
- 338S0867 Dialog (Die marks D1815A 'Ashley') Power Management Unit
- 3383 Infineon X-GOLD 61x Baseband Processor
- Intel 36My1EF - ELPIDA 128 Mbits Mobile DDR SDRAM & 28F128FM Intel/Numonyx NOR



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SM MARIKINA