7. CIRCUIT DIAGRAM
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**Diagram Description:**

- **Power Key:** Indicates the power key with associated connections.
- **KEY ROW0-KEY ROW5:** Labels for different rows of keys, each with individual connections.
- **KEY COL2-KEY COL3:** Labels for columns of keys, each with associated connections.
- **KEY BACKLIGHT:** Circuit related to key backlighting, with connections to Voltage (VCC and VSS).
- **MEMORY (256x64PSRAM):** Memory component with detailed connections to other parts of the circuit.
- **SIM CONNECTOR:** Connector for SIM card with various connection points.
- **VIBRATOR:** Circuit related to vibration, with connections to Voltage (VBAT) and other components.

**Legend and Symbols:**

- The diagram includes standard electronic symbols such as resistors (R), capacitors (C), and various connectors for power and signal inputs.
- Connections between components are denoted with lines, and the direction of current flow is indicated.

**Key Points:**

- The circuit likely provides a detailed schematic of the electronic components and their interconnections within a device, possibly for a cell phone or similar electronic device.
- The diagram is comprehensive, covering various aspects such as power supply, memory, input/output, and signal processing.

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8. PCB LAYOUT