

Quantum Chip Networking and Communication

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Abstract: *Today's mobile phones depend on towers, satellites, and the internet for communication. They need constant recharges, SIM cards, and network providers. But in the future, communication can become completely different with the help of Quantum Chips. Quantum communication is the process of sending information using quantum states of particles (like photons) instead of traditional electrical signals. These quantum states can represent data in ways that are more secure and faster than normal communication methods. Extremely secure communication (cannot be hacked without detection) Faster and more efficient information transfer, Useful for quantum networks and future internet systems. A Quantum Chip uses the principles of quantum mechanics, such as superposition and entanglement, to process and transfer information. If this chip is used inside a mobile phone, the device can connect directly with another mobile without the need for towers, satellites, or cables. This technology will make mobile communication Highly secure (hack-proof due to quantum properties) Recharge-free communication system Independent of existing network providers. In short, a mobile with a quantum chip will change the way people communicate, bringing the world closer to the era of Quantum Internet. Quantum communication does not require mobile towers, but it does require optical fiber or satellite links to transmit data securely.*

Keywords: Quantum Chip, Quantum Computing, Quantum Network, Quantum Bit (Qubit), Superposition Entanglement, Quantum Coherence, Quantum Communication, Quantum Internet

