

Stability factor

The Stability Factor (S) of a transistor circuit is a measure of its ability to maintain the biasing conditions despite variations in temperature, transistor parameters, and other factors. A higher Stability Factor indicates better stability and less sensitivity to variations.

Stabilization

The process of making the operating point independent on temperature changes and variation of other transistor is called as Stabilization.

Thermal runaway

The self-destruction or burn out of transistor due to rise in temperature is called as thermal runaway.