

OSCILLATION CIRCUIT AND OSCILLATION METHOD

ABSTRACT OF THE DISCLOSURE

NPN transistors are differentially connected to each other. The signal output from the collector of a first NPN transistor is positively fed back to the base of a second NPN transistor via a first capacitor, and the signal output from the collector of the second NPN transistor is positively fed back to the base of the first NPN transistor via a second capacitor. A one-port-type SAW resonator is connected to the collectors of the NPN transistors via the capacitors for blocking the flow of direct current. Thus, it becomes possible to generate a high-frequency signal with a high degree of accuracy.

Figure 3