

【ABSTRACT】

An electronic device according to various embodiments comprises a first power supply circuit, a second power supply circuit, a switch, a first radio frequency front end (FEM), a second FEM, a third FEM, a fourth FEM, and a processor, wherein, in order to transmit a signal using a third PA in the third FEM or a fourth PA in the fourth FEM operating on the basis of a second voltage provided from the second power supply circuit, on the basis of transmitting a signal using a first PA in the first FEM operating on the basis of a first voltage provided from the first power supply circuit, the processor can electrically connect the third PA and the fourth PA through the second power supply circuit and the switch. Various other embodiments may be possible.

Fig. 4B