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(57) **ABSTRACT**

An electronic device having an eye tracking function is provided. The electronic device includes a display device and an optical system. The display device includes a first light-emitting element, a second light-emitting element, a sensor portion, and a driver circuit portion. The sensor portion includes a light-receiving element. The first light-emitting element has a function of emitting infrared light or visible light. The second light-emitting element has a function of emitting light of a color different from that of light emitted from the first light-emitting element. When the first light-emitting element emits infrared light, the light-receiving element has a function of detecting the infrared light that is emitted from the first light-emitting element and reflected by an eyeball of a user. When the first light-emitting element emits visible light, the light-receiving element has a function of detecting the visible light that is emitted from the first light-emitting element and reflected by the eyeball of the user. The first light-emitting element and the second light-emitting element are placed in one layer. The layer where the first light-emitting element and the second light-emitting element are positioned overlaps with the sensor portion.