

ELECTRONIC APPARATUS

ABSTRACT

5 Disclosed is an electronic apparatus in which a thermoelectric conversion element and at least one of a photoelectric conversion element and a transistor or a diode are monolithically integrated, or which prevents interference between a p-type thermoelectric conversion unit and an n-type
10 thermoelectric conversion unit. This electronic apparatus includes a thermoelectric conversion element (100) including a semiconductor layer (38) which performs thermoelectric conversion and at least one of a photoelectric conversion element (102) in which at least a portion of the semiconductor
15 layer (38) performs photoelectric conversion and a transistor (104) or a diode having at least a portion of the semiconductor layer (38) as an operating layer.

Fig. 1