

ABSTRACT

A semiconductor substrate that includes a semiconductor layer that exhibits high crystallinity includes a graphite layer formed of a heterocyclic polymer obtained by
5 condensing an aromatic tetracarboxylic acid and an aromatic tetramine, and a semiconductor layer that is grown on the surface of the graphite layer, or includes a substrate that includes a graphite layer formed of a heterocyclic polymer obtained by
condensing an aromatic tetracarboxylic acid and an aromatic tetramine on its surface, a buffer layer that is grown on the surface of the graphite layer, and a semiconductor layer
10 that is grown on the surface of the buffer layer.