



A cross-sectional diagram of a semiconductor device. The base is a dark green layer labeled 'Si (001) Substrate'. On top of this substrate, there are two blue rectangular regions labeled 'Al' (Aluminum). Between these two Al regions is a central green rectangular region labeled 'n⁺⁺ Layer' and '30 nm'.

Al

n⁺⁺ Layer
30 nm

Al

Si (001) Substrate