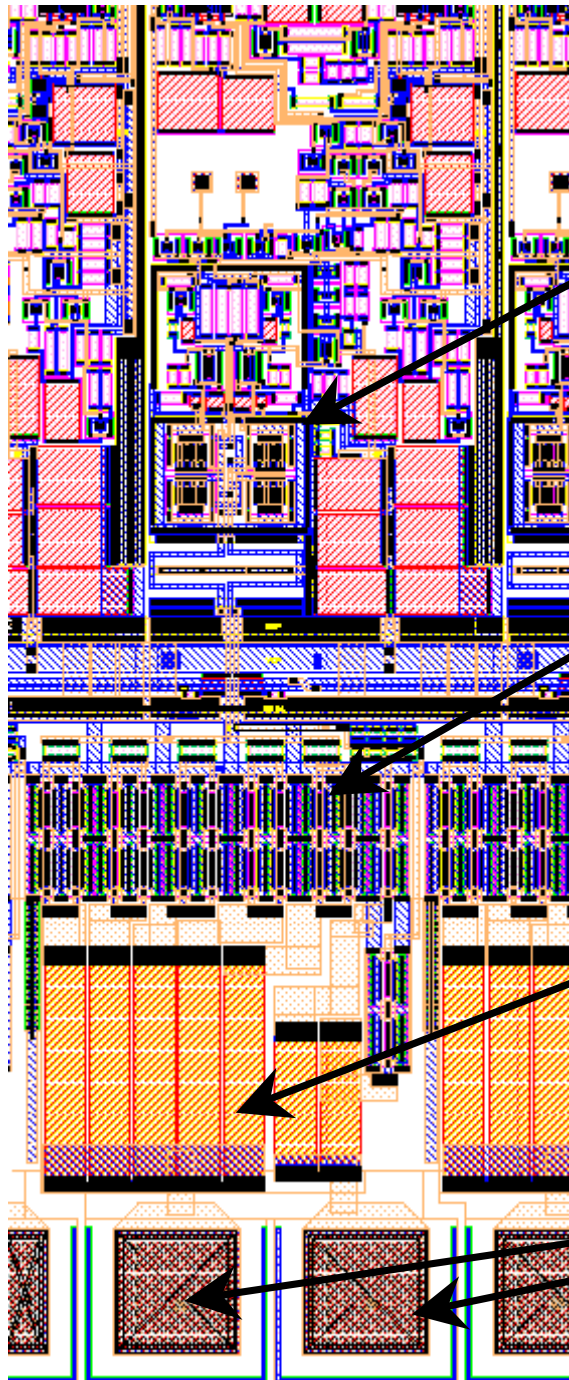


ASDBLR00 Input Protection Layout



Preamplifier Input Transistors

Input Protection
20 Transistors (30um emitters)
Emitter-Base → Prot. diode
Collector acts → shield

12 ohm Poly Resistors
37 um wide connect to 5
arrays of 4 input protection
transistors to improve current
sharing.

Special Input Pads
utilize epi to shield
from back substrate