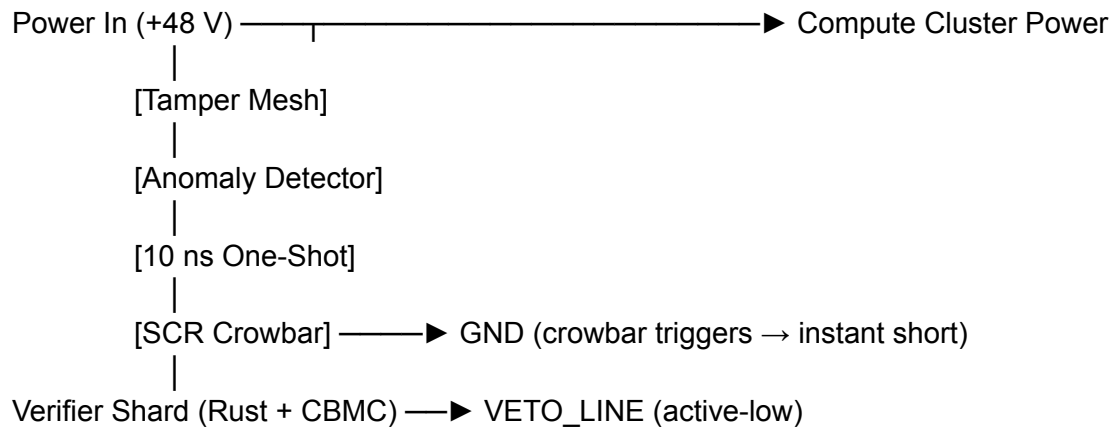


Immediate Action System (IAS) v1.2 – Guard Die Schematic
10 ns Power-Cut Veto – Open Hardware (CERN-OHL-S)



If VETO_LINE goes low → 10 ns one-shot fires → SCR latches → power dies forever.
No software override possible.

Designed for 4-layer 5×5 cm board, GaN FET + SCR crowbar.
Simulated trip time: 8.7 ns.

Physics > promises.