A NOVEL METHOD TO FORM FUSE USING POLYMERIC FILMS

ABSTRACT

A new method is provided for the creation of a fuse. A layer of metal is first deposited, the layer of metal is patterned and etched creating a metal strip that is interrupted by a gap. The fusing function is created in the gap, the interrupted metal strip serves as the connectors to the fuse. A layer of conducting conjugated polymer is deposited over the metal strip and the therein created gap, the polymer is etched back leaving the deposited polymer in the gap between the two metal strips.