16 JUL 2002



G00002

TRANSISTOR WITH IMPROVED SOI BODY CONTACT STRUCTURE

CONCURRENTLY HEREWITH

ABSTRACT

Disclosed is a type "BC" body contacted SOI transistor and process for making these transistors in a manufacturing environment by providing a structure and process which removes overlay tolerance from the effective transistor width. The width is determined by RX on the top side, but by PC on the other with source and drain connected together.

Fig. 6



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