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(54) Title: ELECTRONICS INCLUDING ELECTRICAL ISOLATION

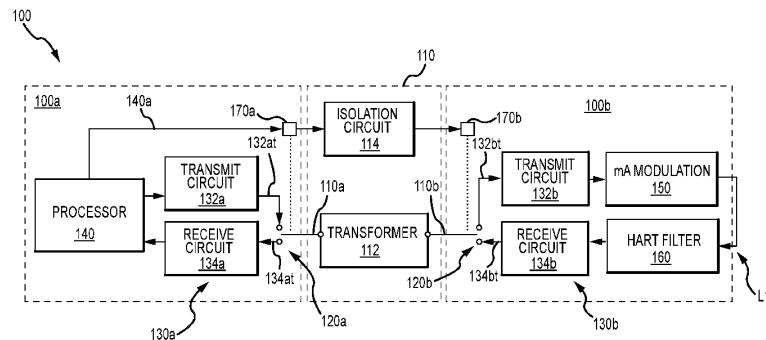


FIG.2

(57) Abstract: An electronics (100, 200) including an electrical isolation is provided. The electronics (100, 200) include a bidirectional isolation circuit (110, 210) separating a first portion (100a, 200a) from a second portion (100b, 200b) and a bus transceiver switch (120b, 220b) disposed in the second portion (100b, 200b). The bus transceiver switch (120b, 220b) is communicatively coupled to the bidirectional isolation circuit (110, 210). The bus transceiver switch (120b, 220b) receives from the bidirectional isolation circuit (110, 210) a communication control signal provided by the first portion (100a, 200a).

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