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The diagram illustrates a touch/proximity detection system. On the left, a dashed box labeled 104 contains a reference clock circuit. It includes a 'Reference Clock (Reference Freq.)' block 128, a 'Frequency Comparator' block 130, and an 'Up/Down Counter' block 132. A signal path 126 connects the reference clock to the frequency comparator. The output of the frequency comparator is connected to the up/down counter, which produces a '~Count' signal. A dashed box labeled 102 represents the PCB. It contains a transformer with a primary winding 112 and a secondary winding 114. A capacitor 116 is connected to the primary winding. A signal path 108 connects the '~Count' signal to the primary winding. The secondary winding 114 is connected to a 'Touch/Proximity Detection Circuitry' block 124. A dashed box labeled 106 is also shown within the PCB area.