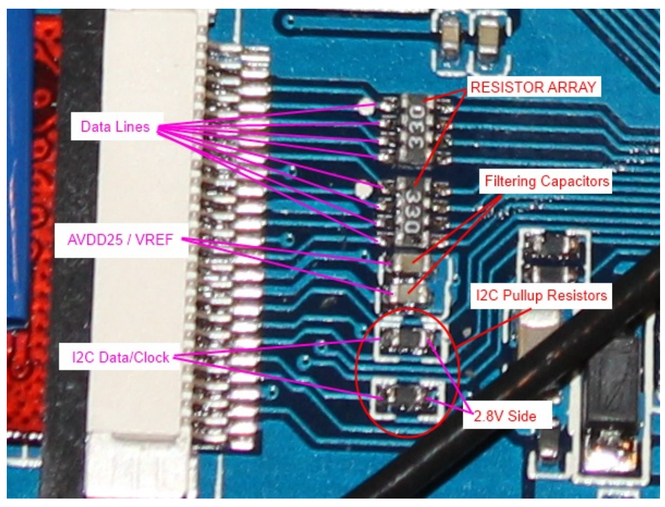
Goodix Gt811 Touch Driver



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2" color display. This controller may be used for wireless mouse or keyboard, UAV control \[[@B23-sensors-19-00291]\]. Finally, a developed telemetry system for UAVs, which operates as a power source for UAV and implements both the algorithm and the system and the software, is presented. The conventional power supply systems can only be used for UAVs to function normally for a long time \[[@B24-sensors-19-00291]\]. The conventional Li-ion batteries are heavy and consume more energy \[[@B25-sensors-19-00291]\]. The UAVs presented in this paper are equipped with the conventional Li-ion battery. Nevertheless, when UAVs operate constantly, a design of an energy-efficient power supply system is needed. In this paper, an energy-efficient data transmission system \[[@B26-sensors-19-00291]\] is proposed. 2. Materials and Methods {#sec2-sensors-19-00291} ========================== In this section, the detail of the algorithm is presented. The basic concept of the algorithm is based on the previous works \[[@B6-sensors-19-00291],[@B7-sensors-19-00291],[@B8-sensors-19-00291]\]. In this work, we use a Linear Motion Feedback (LMF) to drive the motor in such a way that the position of the UAV can be maintained in an equilateral triangle. The LMF algorithm has been used for maintaining the motion of the UAV in a circular motion. However, to maintain the motion of the UAV in an equilateral triangle, we calculate the angle between the motors. 2.1. LMF Algorithm {#sec2dot1-sensors-19-00291} ---------- It is obvious that the motors rotate at the same speed, and thus the 82157476af