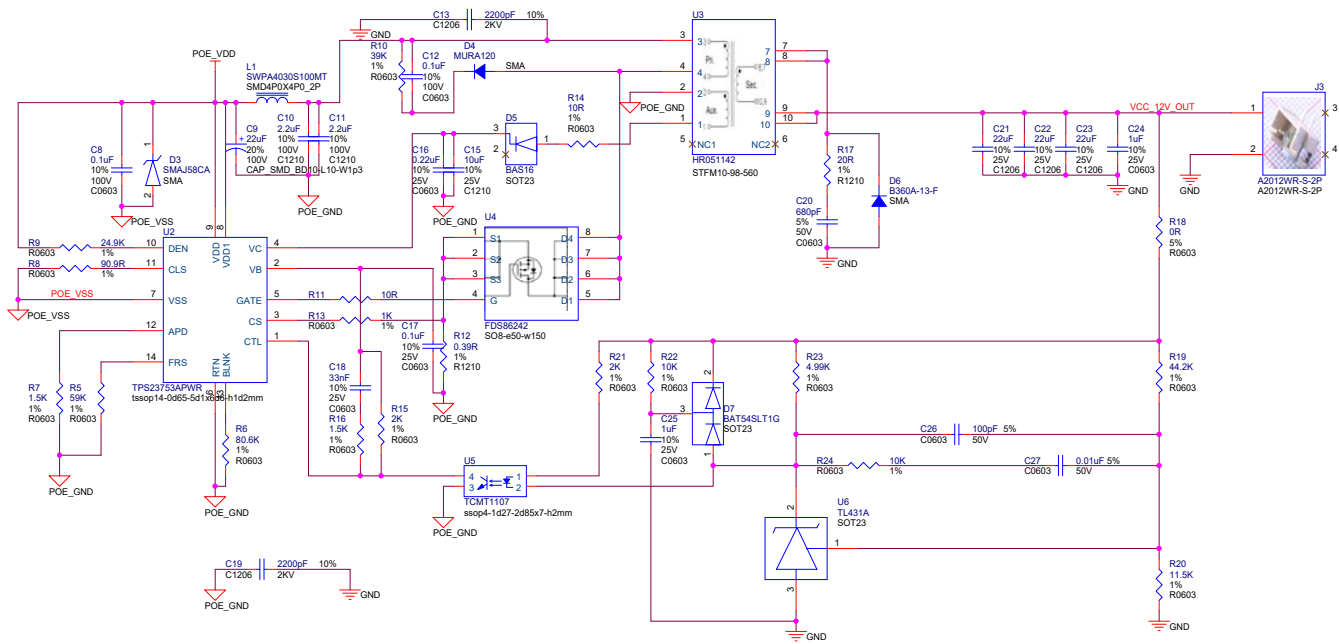


The schematic diagram illustrates the internal circuitry of the A1501WV-S-8P PoE module. It features two RJ45 ports (J1 and J2) and two PoE output pins (POE_VDD and POE_VSS). The core component is the HR601680 STM16-50-280 PoE switch, which manages the power and data flow. Two MiniDIP4-2p5-5p5 comparators (D1 and D2) are used for signal processing. The circuit includes various passive components such as resistors (R1, R2, R3, R4, R6063) and capacitors (C1, C2, C3, C4, C5, C6063) for filtering and timing. The module is powered by a 5V supply (PWR_IN1, PWR_IN2) and provides PoE output through the RJ45 ports.



 北京易泊时代科技有限公司		
POE Board TPS23753APWR TPS23753APWR		
Size B	Designer: 许福波	Rev 1.0
Sunday, March 22, 2020		Sheet 2 of 2