ESP-09 ESP8266 WiFi RF Module GPI00 GPI02 GND RXD0 TXD0 RST P1 CONN_01X08 GPI013 GPI012 TXD0 3 RST 4 CH_PD 5 CONN_01X06 GPI014 GND GND IC1 ESP_09 R6 R7 R7 N 10k GPI002 RXD 6 GPI015 5 GND RST R5 W 10k 4 GPI013 GND 3 GPI012 WIFI_ANT 14 +3.3٧ 0.10uF GPI012 GPI014 GND GND-PAD VDD CH_PD 16 C1 C1 CND GND GND ANTENNA GND 1909763-1 T1 U1 AZ1117CR-3.3TRG1_1 VCC VOUT C3 10uF Designed by Adam Vadala-Roth GhostPCB Sheet: / File: working.kicad_sch Title: WiFi ESP8266 ESP-09 Module Date: Rev: Revision 0.2 Alpha KiCad E.D.A. eeschema 7.0.6 ld: 1/1