Note: JP1 and JP2 are present so the user can disconnect clock and data signals from subsequent boards, allowing you to make a closed loop design without having the logic from the last board interfere with the logic of the first. They are normally closed, so open them if you're making a closed loop design. +5٧ +5٧ +5٧ J1 APA102 APA102 APA102 U1 GND GND GND +5٧ +5٧ +5٧ GND GND GND Released under the Creative Commons Attribution Share-Alike 4.0 License https://creativecommons.org/licenses/by-sa/4.0/ Designed by Pete Dokter Sheet:1/1 File: working.kicad_sch Title: Lumenati 90L Size: A4 Date: 7/5/17 KiCad E.D.A. eeschema 7.0.6 Rev: v10 ld: 1/1