02. Power Input	Power Input Power_Input.sch	17. External SRAM	External SRAM External SRAM.sch
03. +3.3V Power Supply	POS3P3 Power Supply POS3P3_Power_Supply.sch	18. External FLASH 1	External Flash 1 External Flash 1.sch
4. +5V Power Supply	POS5_Power_Supply POS5_Power_Supply.sch	19. External FLASH 2	External Flash 2 External_Flash_2.sch
. Microcontroller Programming	Microcontroller Programming Microcontroller_Programming.sch	20. External FLASH 3	External Flash 3 External Flash 3.sch
. Microcontroller Power	Microcontroller Power Microcontroller_Power.sch	21. External FLASH 4	External Flash 4 External Flash 4.sch
7. Microcontroller IO Bank 1	Microcontroller 1 Microcontroller_1.sch Microcontroller 2	22. External FLASH 5	External Flash 5 External Flash 5.sch External Flash 6
3. Microcontroller 10 Bank 2	Microcontroller_2.sch	23. External FLASH 6	External_Flash_6.sch External_Flash_7
O. WiFi Module	Wi_Fi_Module.sch USB_UART_Isolation	24. External FLASH 7	External_Flash_7.sch <u>External_Flas</u> h 8
.0. USB UART Digital Isolation	USB_UART_Isolation.sch USB_UART_Bridge	25. External FLASH 8	External_Flash_8.sch Panel_Data_Level_Shifters 1
.1. USB UART Bridge .2. Status LEDs Bank 1	USB_UART_Bridge.sch Status_LEDs_1	26. Panel Data Level Shifters 1 27. Panel Data Level Shifters 2	Panel_Data_Level_Shifters_1.sch Panel_Data_Level_Shifters_2
3. Status LEDs Bank 2	Status_LEDs_1.sch Status_LEDs_2	28. Panel Data Level Shifters 3	Panel_Data_Level_Shifters_2.sch Panel_Data_Level_Shifters_3
4. Pushbuttons	Status_LEDs_2.sch Pushbuttons Pushbuttons.sch	29. Panel Data Connectors	Panel_Data_Level_Shifters_3.sch Panel_Data_Connectors Panel_Data_Connectors.sch
5. Internal Rail Monitoring	Internal Rail Monitoring Internal Rail Monitoring.sch	30. Test Points	Test Points Test_Points.sch
6. LED Power Supply Monitoring	LED_POS5_Monitoring LED_POS5_Monitoring.sch	31. Mechanical	Mechanical Mechanical.sch
Do List: dd MU Logo to each sheet dd Titles to each sheet e-order sheets ssign Refdes's erify pinouts erify peripheral wiring on micro raw custom footprints ssign footprints ssign footprints		Sheet: / File: LED_Display_Controller.sch	
un ERC, resolve errors enerate netlist enerate BOM ayout PCB		Title: Size: A Date:	Rev:



























































