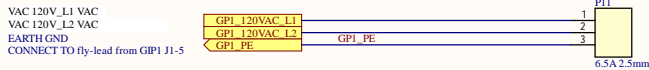
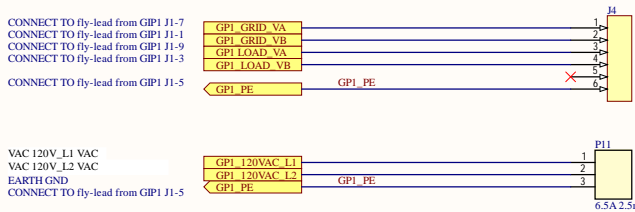
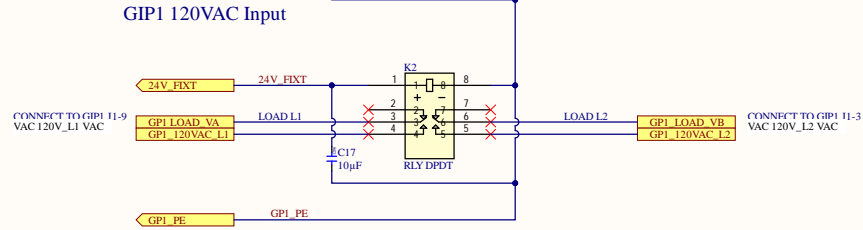
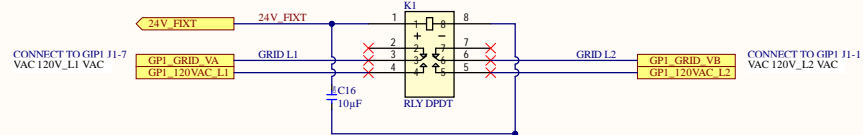
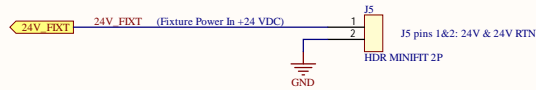
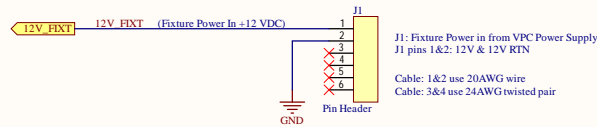
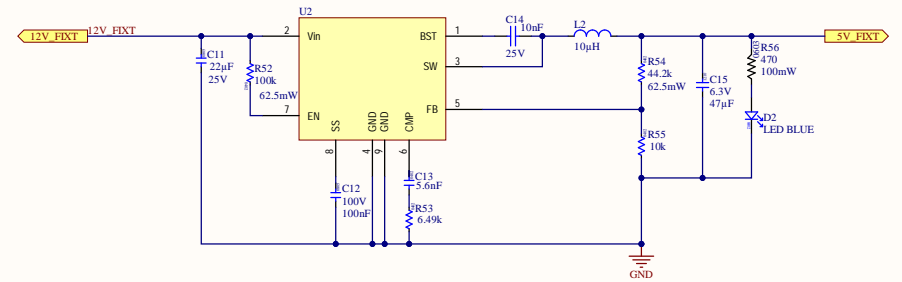
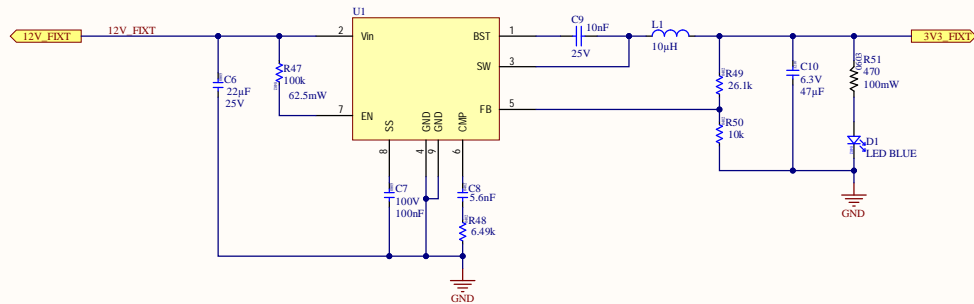



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								00								J Rossi		01/14/2022	

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FAB DWG:	20-002314-00 Single PCB.PDF	PCB NO.	30-002315		00		
PCB DWG:		FILENAME	20-002314-00 pg2 Fixture Power.SchDoc		SHEET	2	OF 7

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GP1 to GP2 board to board Interface TestPoints

GP1_VCC_3V3	GP1_VCC_3V3	TP1
GP1_VCC_14V4	GP1_VCC_14V4	TP37
GP1_VCC_RECHARGE	GP1_VCC_RECHARGE	TP39
GP1_ANT_1_OUT	GP1_ANT_1_OUT	TP7
GP1_ANT_1_GND	GP1_ANT_1_GND	TP8
GP1_ANT_2_OUT	GP1_ANT_2_OUT	TP9
GP1_ANT_2_GND	GP1_ANT_2_GND	TP10
GP1_CAN_H	GP1_CAN_H	TP11
GP1_LV_PL_C LI	GP1_LV_PL_C LI	TP12
GP1_CAN_L	GP1_CAN_L	TP13
GP1_LV_PL_C N	GP1_LV_PL_C N	TP14
GP1_SYN_0	GP1_SYN_0	TP15
GP1_COIL_A	GP1_COIL_A	TP16
GP1_SCS_0	GP1_SCS_0	TP17
GP1_COIL_B	GP1_COIL_B	TP18
GP1_SDA	GP1_SDA	TP19
GP1_COIL_AUX_STATUS	GP1_COIL_AUX_STATUS	TP20
GP1_uC_RxD_0	GP1_uC_RxD_0	TP21
GP1_SWDI00	GP1_SWDI00	TP22
GP1_uC_TxD_0	GP1_uC_TxD_0	TP23
GP1_SWDC_LK	GP1_SWDC_LK	TP24
GP1_SCL	GP1_SCL	TP25
GP1_RESET	GP1_RESET	TP26
GP1_SYN_1	GP1_SYN_1	TP27
GP1_MANUAL_CLOSE	GP1_MANUAL_CLOSE	TP28
GP1_SCS_1	GP1_SCS_1	TP29
GP1_MANUAL_OPEN	GP1_MANUAL_OPEN	TP30
GP1_STATUS_LED	GP1_STATUS_LED	TP31
GP1_uC_RxD_1	GP1_uC_RxD_1	TP32
GP1_CAPS_CHARGED	GP1_CAPS_CHARGED	TP33
GP1_uC_TxD_1	GP1_uC_TxD_1	TP34
GP1_FAULT_LED	GP1_FAULT_LED	TP35
GP1_MANUAL_OVERRIDE	GP1_MANUAL_OVERRIDE	TP36

GP1 Solo TestPoints

GP1_TMS	GP1_TMS	TP2
GP1_TCK	GP1_TCK	TP3
GP1_TDO	GP1_TDO	TP4
GP1_TDI	GP1_TDI	TP5
GP1_GND	GP1_GND	TP6
GP1_BLE_BOOT	GP1_BLE_BOOT	TP50
GP1_NET.ENT13_1	GP1_NET.ENT13_1	TP51
GP1_NET.ENT14_1	GP1_NET.ENT14_1	TP52
GP1_BLE_TX1	GP1_BLE_TX1	TP53
GP1_BLE_RX1	GP1_BLE_RX1	TP54
GP1_SPI_MISO	GP1_SPI_MISO	TP43
GP1_PE	GP1_PE	TP38
GP1_VA_COMBINED	GP1_VA_COMBINED	TP40
GP1_VB_COMBINED	GP1_VB_COMBINED	TP41
GP1_GRID_IA_OUT	GP1_GRID_IA_OUT	TP44
GP1_GRID_IA_IN	GP1_GRID_IA_IN	TP45
GP1_SOLAR_IA+	GP1_SOLAR_IA+	TP46
GP1_GRID_IB_OUT	GP1_GRID_IB_OUT	TP47
GP1_GRID_IB_IN	GP1_GRID_IB_IN	TP48
GP1_SOLAR_IB+	GP1_SOLAR_IB+	TP49

GP1 JTAG Interface

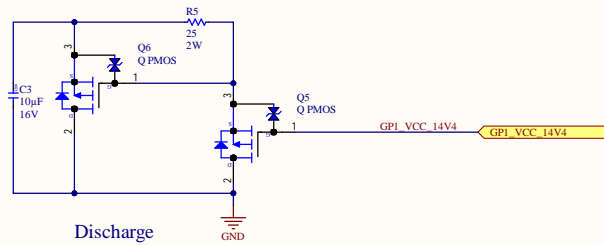
ESP32 Programming Interface


MISO Poulated but not used

Earth GND

Board to Board Power Connector

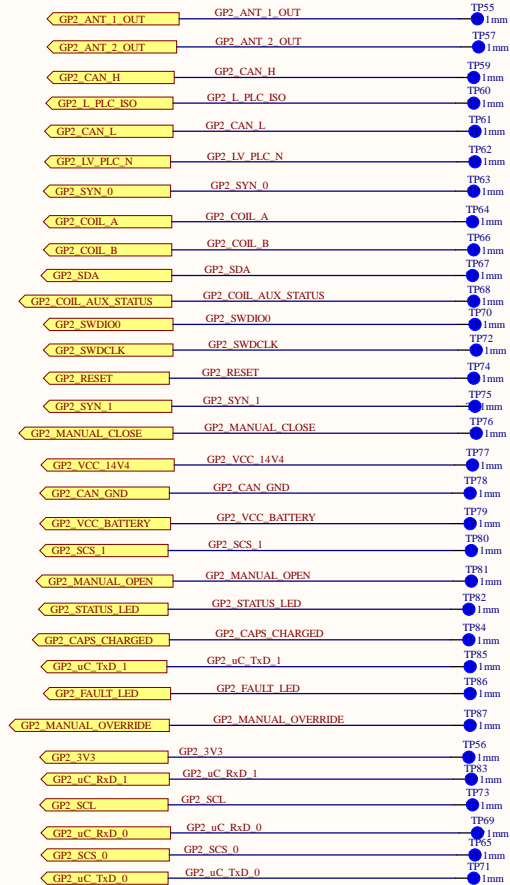
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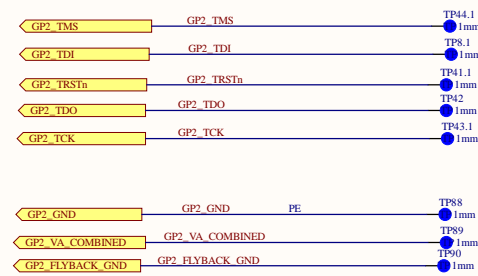
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GP1 to GP2 board to board Interface TestPoints




GP2 Solo TestPoints



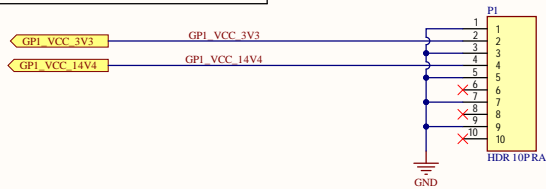
GP2 JTAG Interface

Earth GND

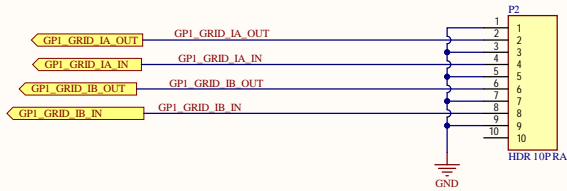
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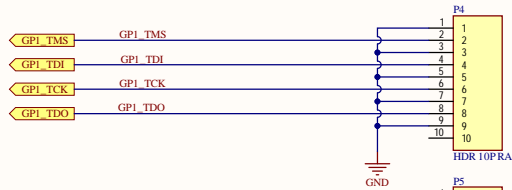
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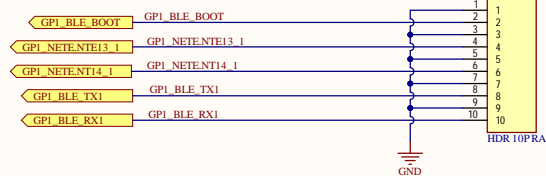
VPC 2530B



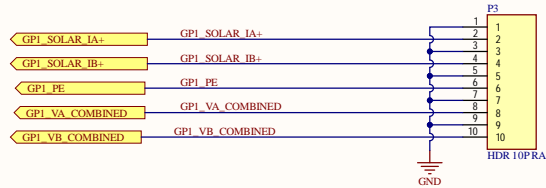
VPC 2530B




boundary scan Tap Controller



ESP32 Programming




VPC 2530B

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Board Stack Report