USB TYPE C(Power only): USB TYPE A(Host): VBUS_OUT GND VBUS GND D-0(1%) D+ NC D+ E_G1 NC GND USB_Type_A_Female C2 C3 C4 C5 C6 USB_5V B12 B9 A5 B5 A9 22uF/10V(20%) 22uF/10V(20%) 22uF/10V(20%) GND_1 VBUS_1 CC1 ESD5D5.0CT1G CC2 VBUS_2 GND_2 A12 R3 5.1K(1%) 5.1K(1%) GND E_G2 USB_Type_C_Female **Goldfinger Connector: USB** power switch: PMOD: IO40: I2C_SCL IO41: I2C_SDA B1 B2 B3 B4 3 IO13 IO14 IO9 IO42 USB_5V A2 A3 A4 A5 A6 A7 A8 A9 IO12 102 103 104 B2 B3 A2 A3 A4 A5 A6 A7 106 107 4 VBUS_OUT B4 B5 B6 B7 108 B5 B6 IO21 GND 3.3V GND 3.3V 12 VDD33 B7 OUT B8 B9 D+ B8 VBUS EN В9 ΕN Α9 PMOD 2x6 IO39 IO38 A10 B10 © [10uF/10V(20%) A10 B10 B11 1041 A11 B11 GND FLG 10uF/10V(20%) A12 B12 SY6280AAC A12 B12 A13 B13 VBAT **OVBAT** A13 B13 A14 B14 16.9K(1%) A14 B15 B16 A15 **VBUS O**VBUS 105 A15 B15 IO14 A16 102 103 104 106 107 A16 B16 3 A17 B17 IO11 VDD33 O-USB_5V O--OVDD33 -OUSB_5V B17 A17 B18 A18 108 B18 GND 11 GND 12 VDD33 GND 3.3V GND NC I (Limit) =6800/R83.3V PCIE_CONN_36P GND PMOD_2x6 乐鑫信息科技(上海)股份有限公司 Title ESP32-S3-BOX-3-DOCK Page Name Proprietary ESP32-S3-BOX-3-DOCK V1.0 Wednesday, August 09, 2023