oomlout_oomp_electronic_project_usb_switch

module connector usb_micro surface_mount — usb_micro / secondary_2

CON1
scumcsm
VBUS
D+
D−
ID
Shield
GND
5v_in_1_zz
1
3
2
4
6 5
usb_positive_secondary_2
usb_negative_secondary_2
usb_id_secondary_2
GND

connector_usb_micro_surface_mount

module connector usb_micro surface_mount — usb_micro / secondary_1

CON2
scumcsm
VBUS
D+
D−
ID
Shield
GND
5v_in_2_zz
1
3
2
4
6 5
usb_positive_secondary_1
usb_negative_secondary_1
usb_id_secondary_1
GND

connector_usb_micro_surface_mount

oomp ic usb_multiplexer msop_10 two_to_one rs2227xn — usb_multi_rs2227

IC1
imsp10mpump21rs2227
+5V
v_plus   1
select   2
d_plus   3   usb_positive_main
d_minus   4   usb_negative_main   R2
gnd   5   r6o103
hsd1_minus 6   usb_negative_secondary_1
hsd1_plus   7   usb_positive_secondary_1
hsd2_minus 8   usb_negative_secondary_2
hsd2_plus   9   usb_positive_secondary_2
oe   10
R1   C1
r6o103   c6nf100
+5V
GND

ic_usb_multiplexer_msop_10_two_to_one_rs2227xn

oomp logic glue — glue / extra

rs2227
select   slide_switch_out_1
                +5V
slide_switch_in

logic-glue

module connector usb_a through_hole — usb_a / main

CON3
scuath
+5V
VBUS
D+
D−
Shield
GND
1
3
2
4
6 5
usb_positive_main
usb_negative_main
GND

connector_usb_a_through_hole

oomp mechanical board_shape oobb plate_03_03 — plate_03_03

H1   H3   H5   H6   H8
mhm6   mhm3   mhm6   mhm3   mhm6

H4   H7
mhm3   mhm3

mechanical_board_shape_oobb_plate_03_03

oomp ic power_multiplexer tssop_8 two_to_one tps2113a — power_multi_tps2113 / zz

IC2
itssp8mpptps2113
5v_in_1_zz
5v_in_2_zz
+5V
stat   1   status_zz
en   2
vsns   3
ilim   4
gnd   5
in2   6
out   7
in1   8
C2
c6nf100   +5V   R3
C3   r6o271
c8d65tuf220v10
GND

ic_power_multiplexer_tssop_8_two_to_one_tps2113a

oomp switch_slide single_pole_double_throw 2d54_header — slide_switch_header / extra

J2
swsi1hs
A
slide_switch_in B   slide_switch_out_1
C
slide_switch_out_2
1
2
3

switch_slide_single_pole_double_throw_2_8_mm_x_8_mm_x_1_4

oomp switch_slide single_pole_double_throw 2_8_mm_x_8_mm_x_1_4 — slide_switch_2880 / extra

J1
sws2880s
A
slide_switch_in B   slide_switch_out_1
C
slide_switch_out_2
1
2
3

switch_slide_single_pole_double_throw_2_8_mm_x_8_mm_x_1_4