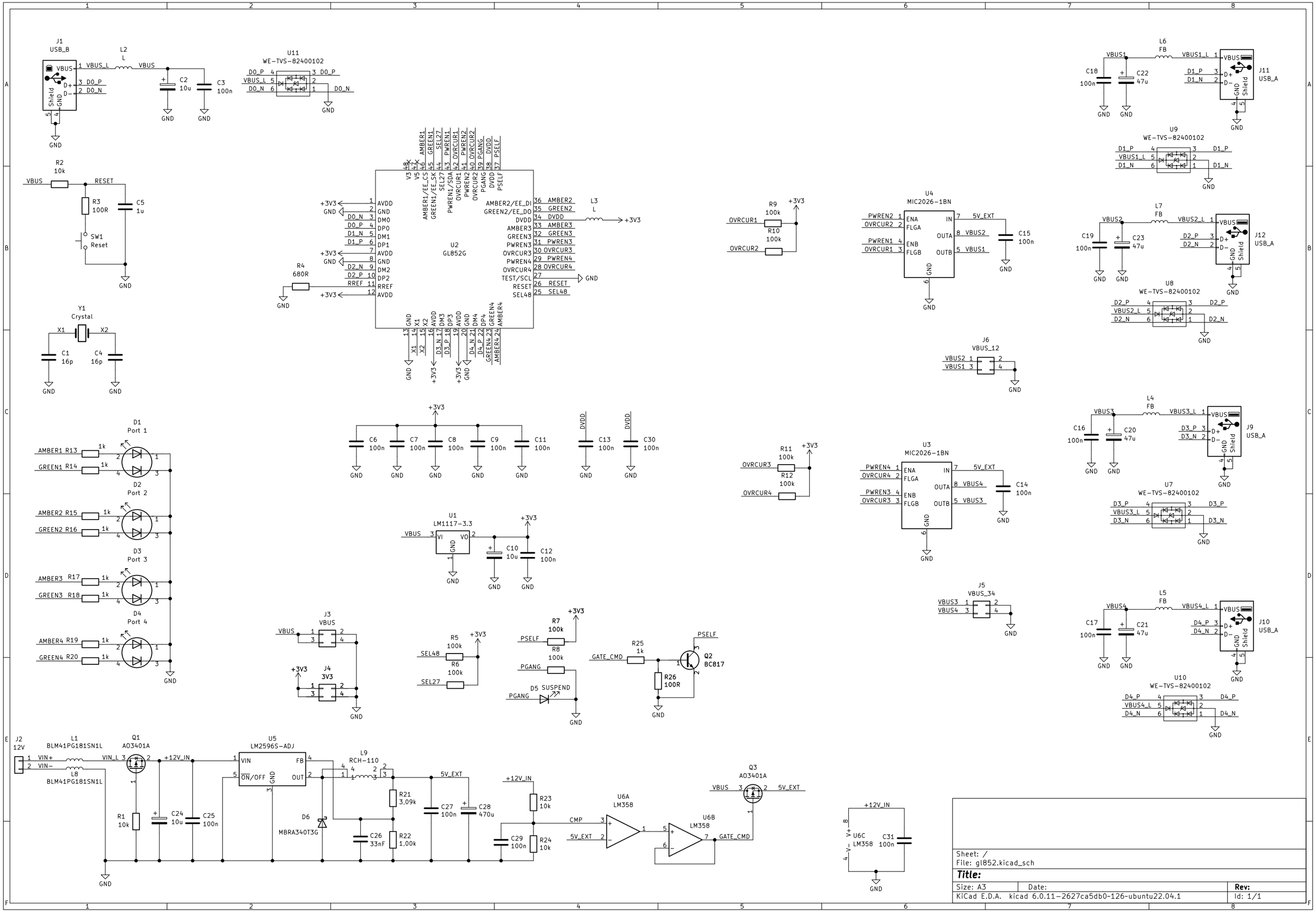
J1
USB_B
L2
L
VBUS_L
VBUS
D0_P
D0_N
C2
10u
C3
100n
GND
U11
WE-TVS-82400102
R2
10k
RESET
R3
100R
C5
1u
SW1
Reset
Y1
Crystal
X1
X2
C1
16p
C4
16p
U2
GL852G
R4
680R
L3
L
R9
100k
R10
100k
OVRCUR1
OVRCUR2
U4
MIC2026-1BN
PWREN2
PWREN1
ENA
FLGA
ENB
FLGB
IN
OUTA
OUTB
5V_EXT
VBUS2
VBUS1
C15
100n
J6
VBUS_12
L6
FB
VBUS1_L
C18
100n
C22
47u
D1_P
D1_N
J11
USB_A
U9
WE-TVS-82400102
L7
FB
VBUS2_L
C19
100n
C23
47u
D2_P
D2_N
J12
USB_A
U8
WE-TVS-82400102
D1
Port 1
D2
Port 2
D3
Port 3
D4
Port 4
AMBER1
GREEN1
AMBER2
GREEN2
AMBER3
GREEN3
AMBER4
GREEN4
1k
+3V3
C6
100n
C7
100n
C8
100n
C9
100n
C11
100n
DVDD
C13
100n
C30
100n
R11
100k
R12
100k
OVRCUR3
OVRCUR4
U3
MIC2026-1BN
PWREN4
PWREN3
VBUS4
VBUS3
C14
100n
J5
VBUS_34
L4
FB
VBUS3_L
C16
100n
C20
47u
D3_P
D3_N
J9
USB_A
U7
WE-TVS-82400102
U1
LM1117-3.3
VI
VO
C10
10u
C12
100n
L5
FB
VBUS4_L
C17
100n
C21
47u
D4_P
D4_N
J10
USB_A
U10
WE-TVS-82400102
J3
VBUS
J4
3V3
R5
100k
R6
100k
SEL48
SEL27
R7
100k
R8
100k
PSELF
PGANG
D5 SUSPEND
R25
1k
GATE_CMD
Q2
BC817
R26
100R
J2
12V
VIN+
VIN-
L1
BLM41PG181SN1L
L8
BLM41PG181SN1L
Q1
AO3401A
VIN_L
+12V_IN
U5
LM2596S-ADJ
VIN
ON/OFF
FB
OUT
L9
RCH-110
R1
10k
C24
10u
C25
100n
D6
MBRA340T3G
C26
33nF
R21
3.09k
R22
1.00k
5V_EXT
C27
100n
C28
470u
R23
10k
R24
10k
C29
100n
CMP
U6A
LM358
U6B
LM358
Q3
AO3401A
U6C
LM358
C31
100n
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