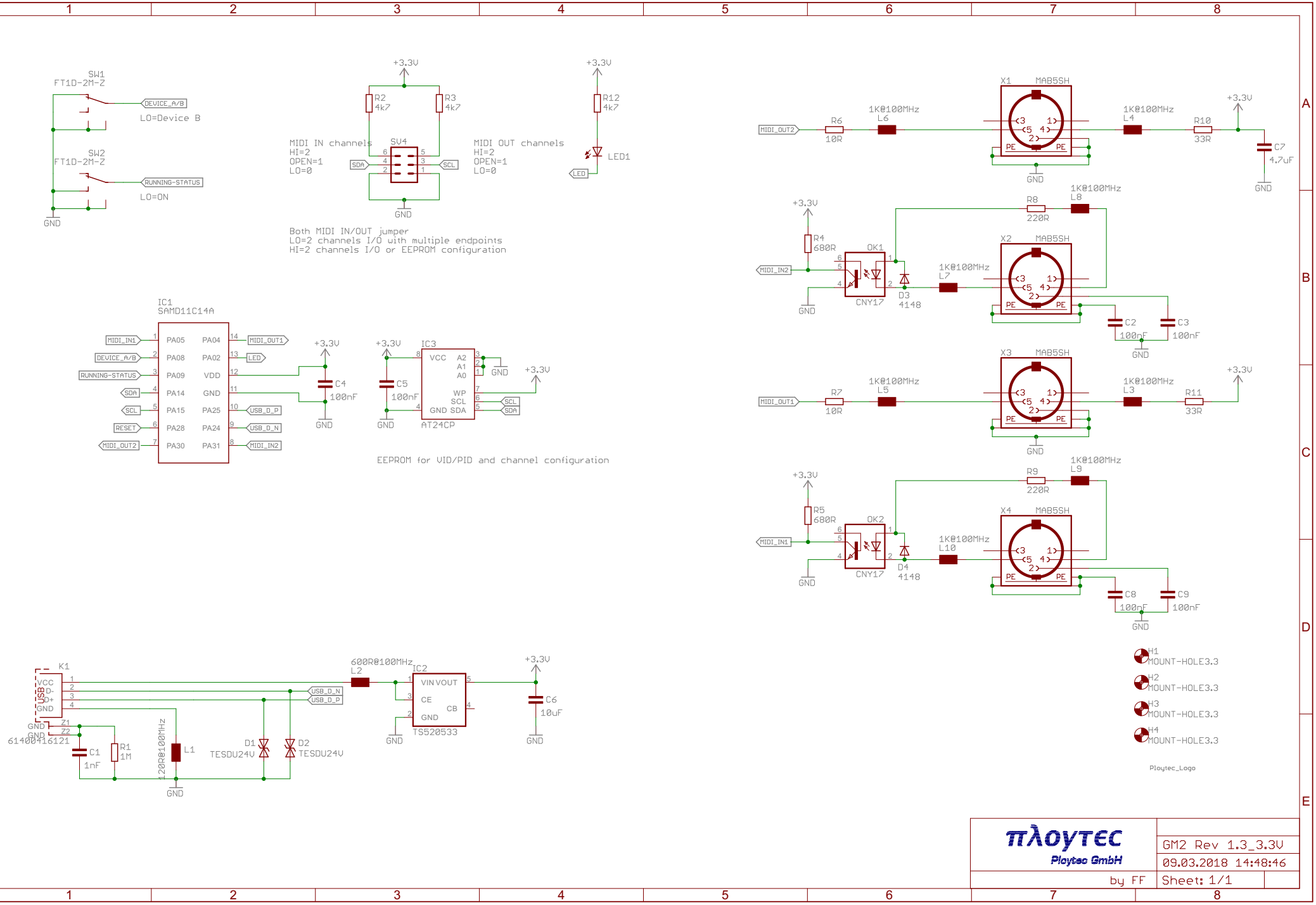
SW1
FT1D-2M-Z
DEVICE_A/B
LO=Device B
SW2
FT1D-2M-Z
RUNNING-STATUS
LO=ON
GND
+3.3V
R2
4k7
R3
4k7
MIDI IN channels
HI=2
OPEN=1
LO=0
SV4
SDA
SCL
MIDI OUT channels
HI=2
OPEN=1
LO=0
R12
4k7
LED1
LED
Both MIDI IN/OUT jumper
LO=2 channels I/O with multiple endpoints
HI=2 channels I/O or EEPROM configuration
IC1
SAMD11C14A
MIDI_IN1
DEVICE_A/B
RUNNING-STATUS
SDA
SCL
RESET
MIDI_OUT2
PA05
PA08
PA09
PA14
PA15
PA28
PA30
PA04
PA02
VDD
GND
PA25
PA24
PA31
MIDI_OUT1
LED
USB_D_P
USB_D_N
MIDI_IN2
C4
100nF
IC3
VCC
A2
A1
A0
WP
SCL
GND SDA
AT24CP
C5
100nF
EEPROM for VID/PID and channel configuration
K1
VCC
D-
D+
GND
USB
GND
GND
Z1
Z2
61400416121
C1
1nF
R1
1M
120R@100MHz
L1
D1
TESDU24V
D2
TESDU24V
600R@100MHz
L2
IC2
VIN VOUT
CE
CB
GND
TS520533
C6
10uF
X1
MAB5SH
MIDI_OUT2
R6
10R
1K@100MHz
L6
1K@100MHz
L4
R10
33R
C7
4.7uF
R8
220R
1K@100MHz
L8
R4
680R
OK1
MIDI_IN2
CNY17
D3
4148
1K@100MHz
L7
X2
MAB5SH
C2
100nF
C3
100nF
X3
MAB5SH
MIDI_OUT1
R7
10R
1K@100MHz
L5
1K@100MHz
L3
R11
33R
R9
220R
1K@100MHz
L9
R5
680R
OK2
MIDI_IN1
CNY17
D4
4148
1K@100MHz
L10
X4
MAB5SH
C8
100nF
C9
100nF
H1
MOUNT-HOLE3.3
H2
MOUNT-HOLE3.3
H3
MOUNT-HOLE3.3
H4
MOUNT-HOLE3.3
Ploytec_Logo
πλoyτεc
Ploytec GmbH
GM2 Rev 1.3_3.3V
09.03.2018 14:48:46
by FF
Sheet: 1/1