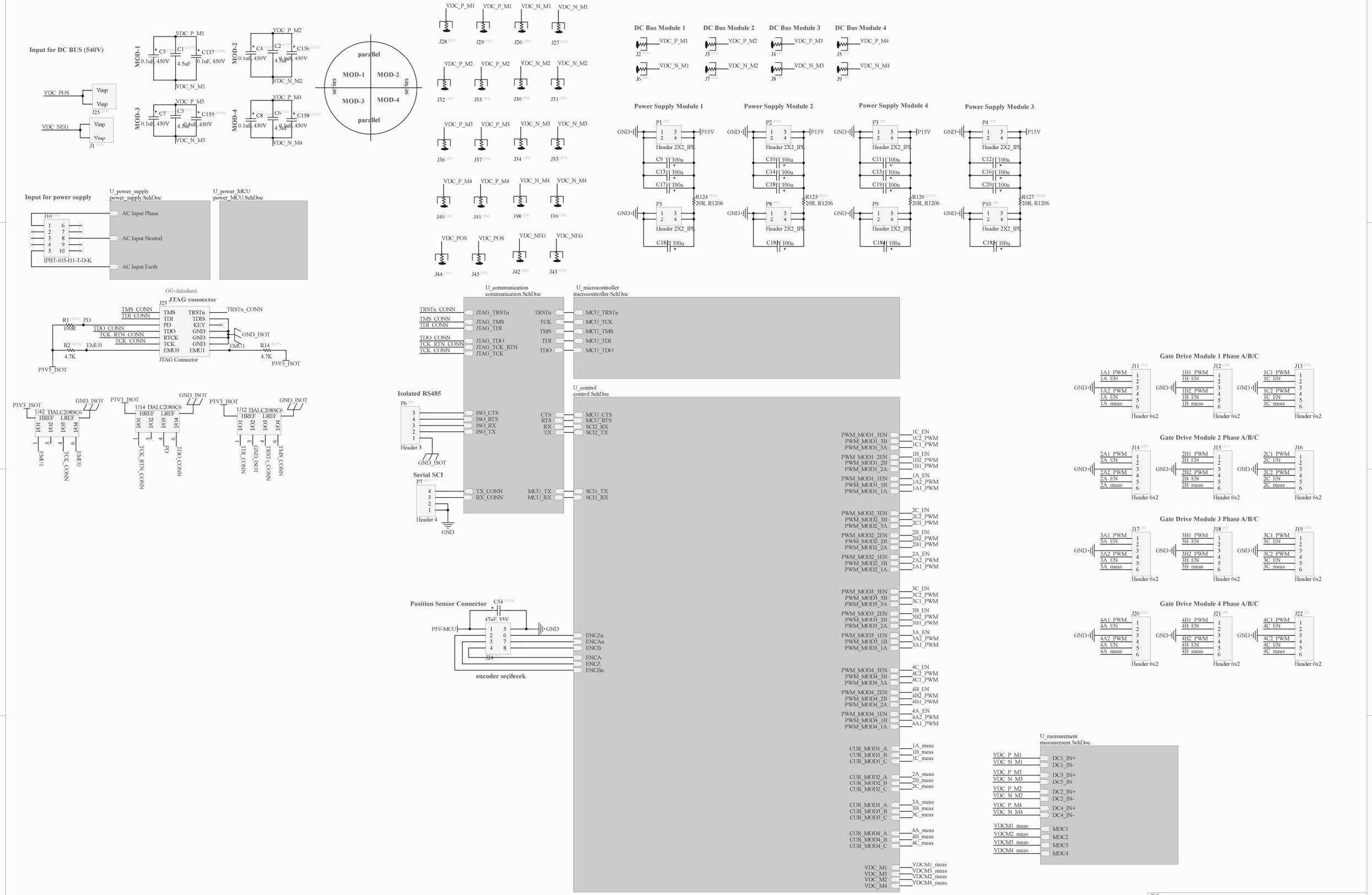
Input for DC BUS (540V)
VDC_POS
VDC_NEG
Vinp
J25
J1
MOD-1
MOD-2
MOD-3
MOD-4
VDC_P_M1
VDC_N_M1
VDC_P_M2
VDC_N_M2
VDC_P_M3
VDC_N_M3
VDC_P_M4
VDC_N_M4
C3
C1
C157
C4
C2
C156
C7
C5
C159
C8
C6
C158
0.1uF, 450V
4.5uF
parallel
series
DC Bus Module 1
DC Bus Module 2
DC Bus Module 3
DC Bus Module 4
Power Supply Module 1
Power Supply Module 2
Power Supply Module 4
Power Supply Module 3
P15V
GND
Header 2X2_IPL
C9
C13
C17
C10
C14
C18
C11
C15
C19
C12
C16
C20
100u
R124
R125
R126
R127
20R, R1206
C182
C183
C184
C185
Input for power supply
U_power_supply
power_supply.SchDoc
U_power_MCU
power_MCU.SchDoc
AC Input Phase
AC Input Neutral
AC Input Earth
J10
IPBT-105-H1-T-D-K
GG-datasheet
JTAG connector
J23
TMS_CONN
TDI_CONN
TDO_CONN
TCK_RTN_CONN
TCK_CONN
TRSTn_CONN
GND_ISOT
TMS
TDI
PD
TDO
RTCK
TCK
EMU0
TRSTn
TDIS
KEY
GND
EMU1
JTAG Connector
R1
100R
R2
4.7K
R14
P3V3_ISOT
U_communication
communication.SchDoc
U_microcontroller
microcontroller.SchDoc
JTAG_TRSTn
JTAG_TMS
JTAG_TDI
JTAG_TDO
JTAG_TCK_RTN
JTAG_TCK
MCU_TRSTn
MCU_TCK
MCU_TMS
MCU_TDI
MCU_TDO
Isolated RS485
P6
Header 5
ISO_CTS
ISO_RTS
ISO_RX
ISO_TX
CTS
RTS
RX
TX
MCU_CTS
MCU_RTS
SCI2_RX
SCI2_TX
U_control
control.SchDoc
Serial SCI
P7
Header 4
TX_CONN
RX_CONN
MCU_TX
MCU_RX
SCI1_TX
SCI1_RX
Position Sensor Connector
C54
47nF, 35V
P5V-MCU
J24
ENCZn
ENCAn
ENCB
ENCA
ENCZ
ENCBn
encoder seçilecek
PWM_MOD1_3EN
PWM_MOD1_3B
PWM_MOD1_3A
PWM_MOD1_2EN
PWM_MOD1_2B
PWM_MOD1_2A
PWM_MOD1_1EN
PWM_MOD1_1B
PWM_MOD1_1A
PWM_MOD2_3EN
PWM_MOD2_3B
PWM_MOD2_3A
PWM_MOD2_2EN
PWM_MOD2_2B
PWM_MOD2_2A
PWM_MOD2_1EN
PWM_MOD2_1B
PWM_MOD2_1A
PWM_MOD3_3EN
PWM_MOD3_3B
PWM_MOD3_3A
PWM_MOD3_2EN
PWM_MOD3_2B
PWM_MOD3_2A
PWM_MOD3_1EN
PWM_MOD3_1B
PWM_MOD3_1A
PWM_MOD4_3EN
PWM_MOD4_3B
PWM_MOD4_3A
PWM_MOD4_2EN
PWM_MOD4_2B
PWM_MOD4_2A
PWM_MOD4_1EN
PWM_MOD4_1B
PWM_MOD4_1A
CUR_MOD1_A
CUR_MOD1_B
CUR_MOD1_C
CUR_MOD2_A
CUR_MOD2_B
CUR_MOD2_C
CUR_MOD3_A
CUR_MOD3_B
CUR_MOD3_C
CUR_MOD4_A
CUR_MOD4_B
CUR_MOD4_C
VDC_M1
VDC_M3
VDC_M2
VDC_M4
VDCM1_meas
VDCM3_meas
VDCM2_meas
VDCM4_meas
Gate Drive Module 1 Phase A/B/C
Gate Drive Module 2 Phase A/B/C
Gate Drive Module 3 Phase A/B/C
Gate Drive Module 4 Phase A/B/C
J11
J12
J13
J14
J15
J16
J17
J18
J19
J20
J21
J22
Header 6x2
U_measurement
measurement.SchDoc
DC1_IN+
DC1_IN-
DC3_IN+
DC3_IN
DC2_IN+
DC2_IN-
DC4_IN+
DC4_IN-
MDC1
MDC2
MDC3
MDC4
Title
Size
A2
Number
Revision
Date:
19.02.2019
Sheet
of
File:
D:\drivefolder\..\main.SchDoc
Drawn By: