



B

Signals from J1, J2, J3, J4

J45

GPI032

io

0

J46

EPWM10B

io

0

J47

EPWM10A

io

0

J48

GPI067

io

0

J49

GPI011

io

0

J50

XBAR3

io

0

J51

EPWM12B

io

0

J52

ISCSCL

io

0

J53

ISCSDA

io

0

J81

ADCIN14

io

0

J82

ADCINC3

io

0

J83

ADCINB3

io

0

J84

ADCINA3

io

0

J85

ADCINC2

io

0

J86

ADCINB2

io

0

J87

ADCINA2

io

0

J88

ADCINA0

io

0

J63

EPWM1A

io

0

J64

EPWM1B

io

0

J65

EPWM2A

io

0

J66

EPWM2B

io

0

J67

EPWM3A

io

0

J68

EPWM3B

io

0

J69

GPI024

io

0

J70

EPWM9A

io

0

J71

GPI015

io

0

J89

GPI016

io

0

J72

XBAR4

io

0

J73

GPI012B

io

0

J74

GPI012A

io

0

J75

RESET

io

0

J76

XBAR1

io

0

J77

XBAR2

io

0

J78

GPI012A

io

0

J79

GPI012B

io

0

J80

GPI029

io

0

C

D

- Für die Simulation eines Phasenausfalls kann ein beliebiger PWM oder Inhibit Jumper gezogen werden

- Selbiges gilt für Messsignale

- Prüfen ob Drivestrengh eines GPIO für alle INH Signale ausreichend ist

E

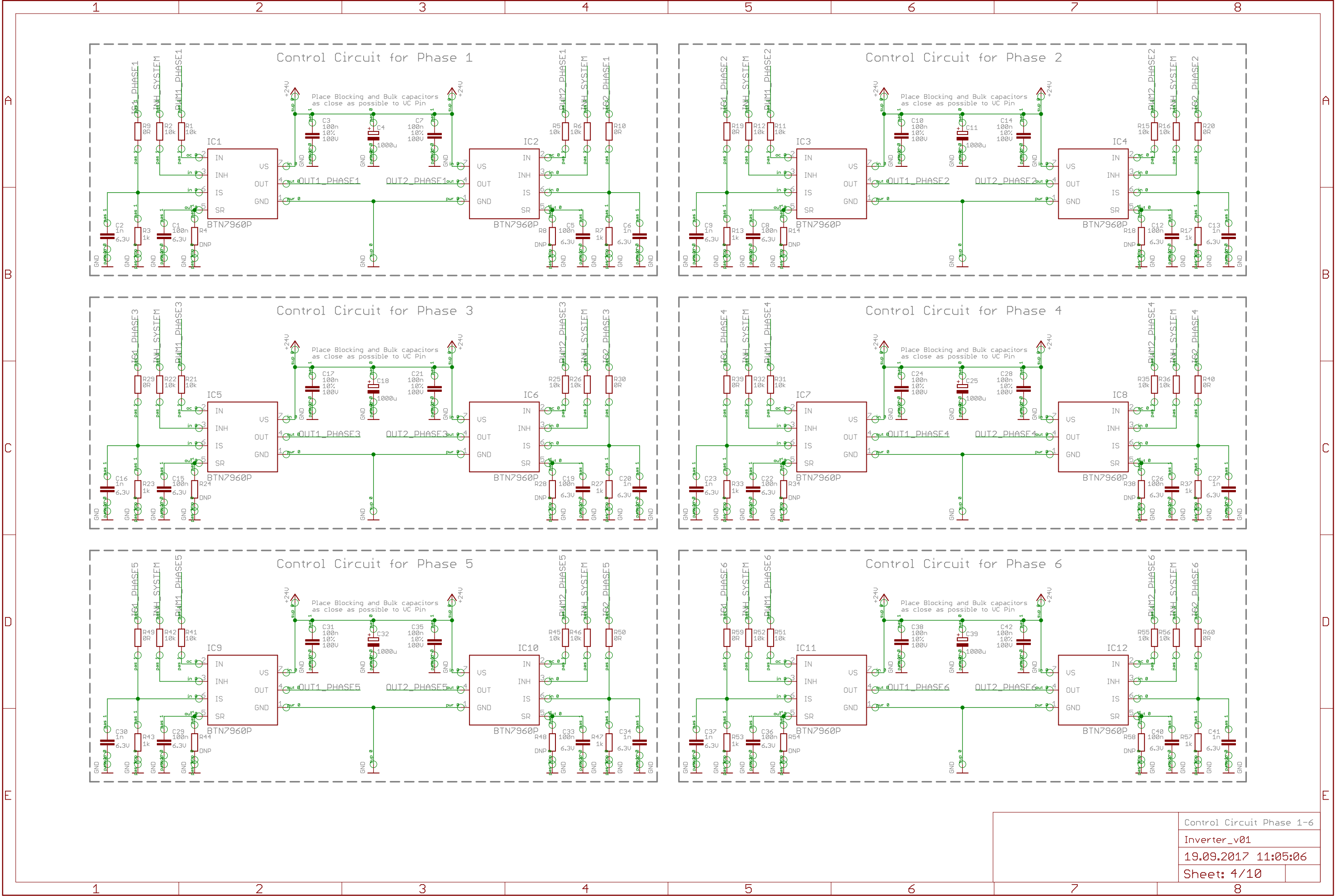
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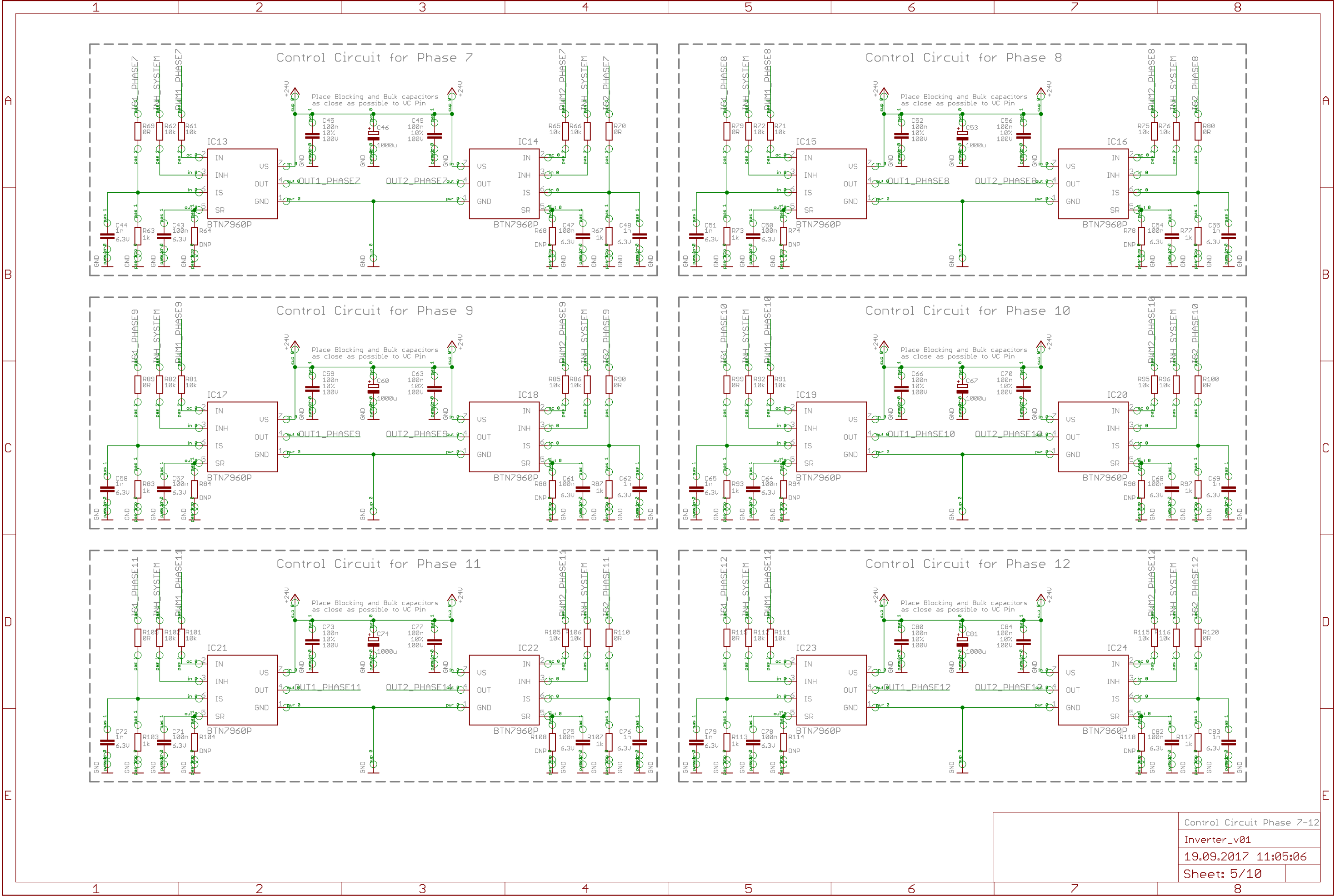
Signaljumper

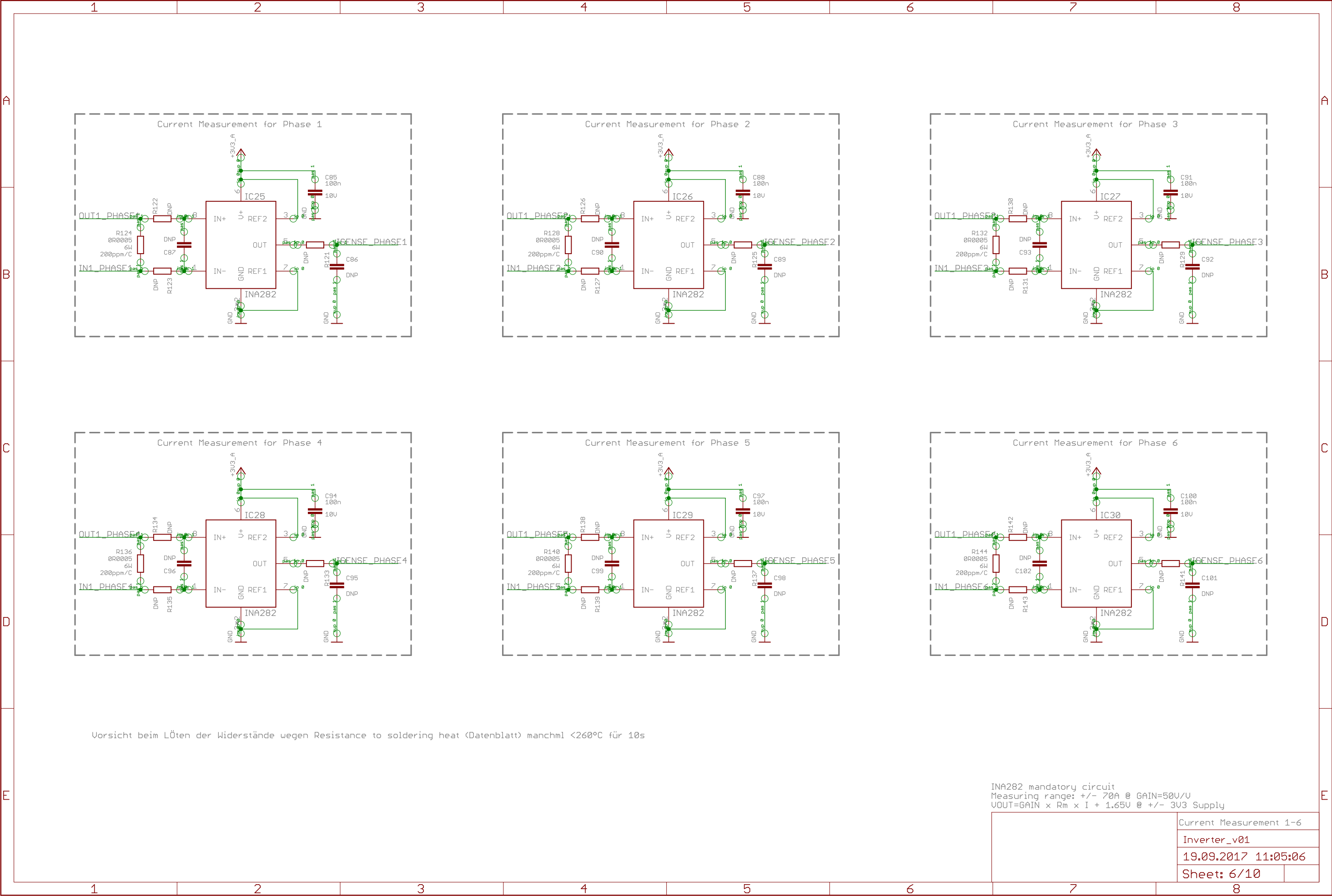
Inverter_v01

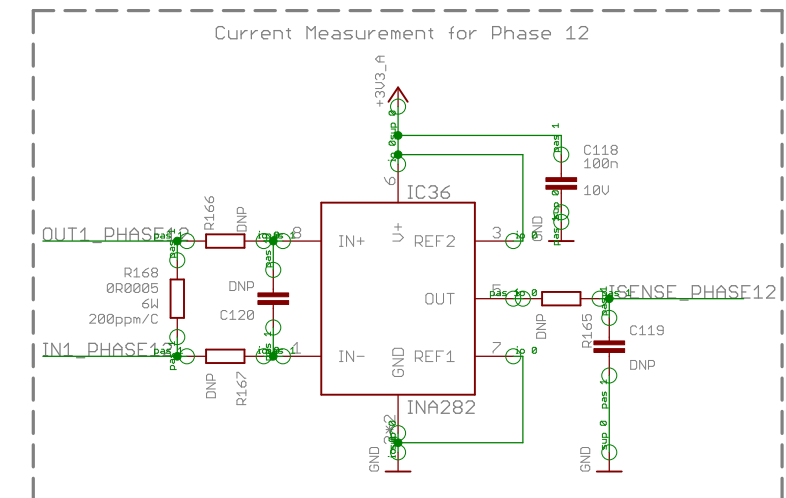
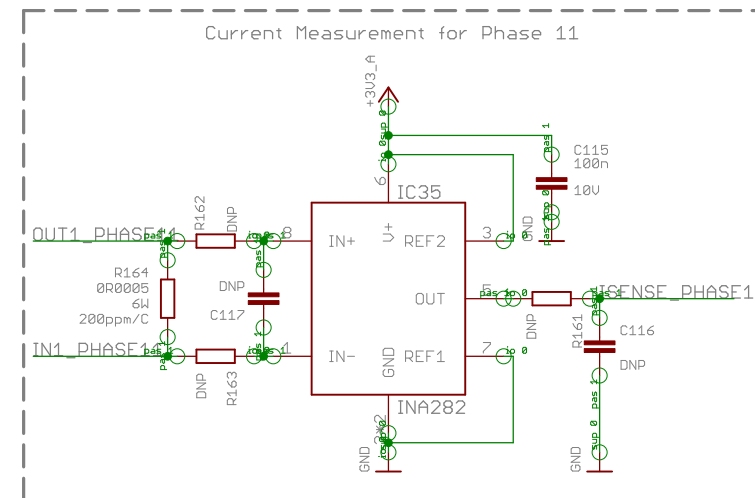
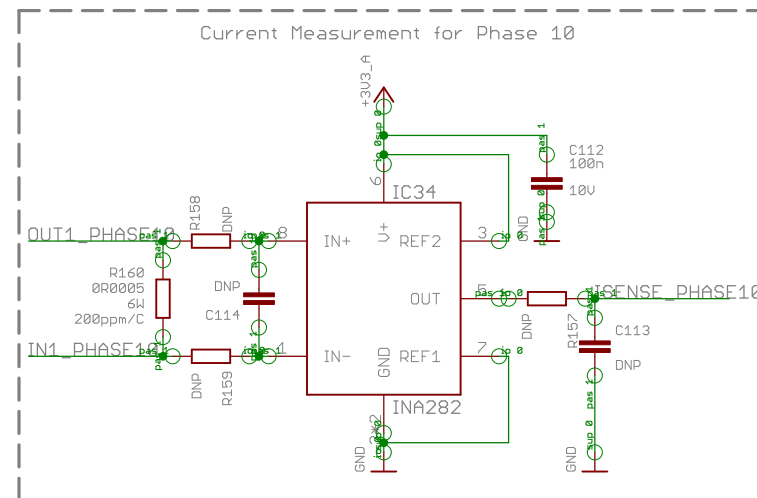
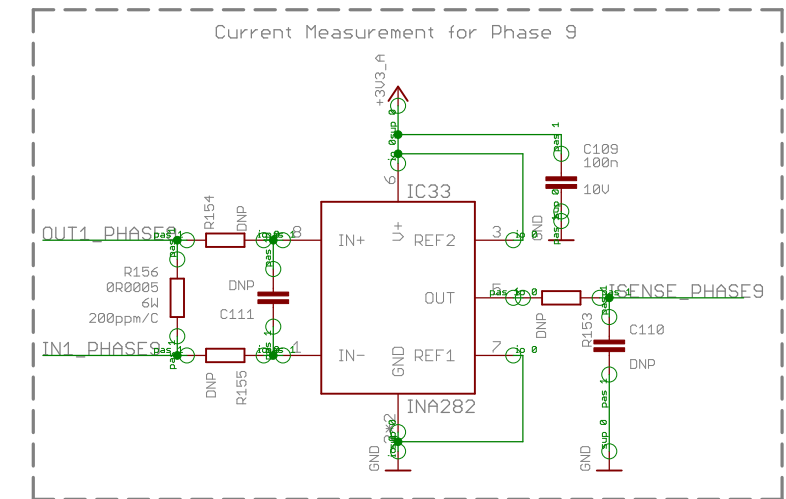
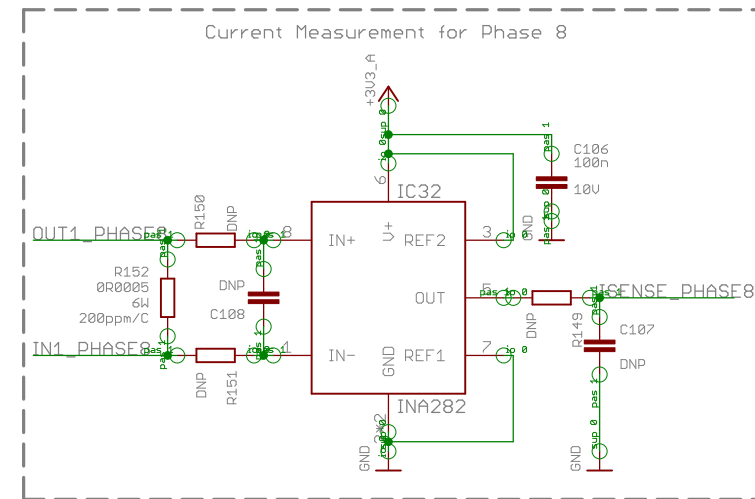
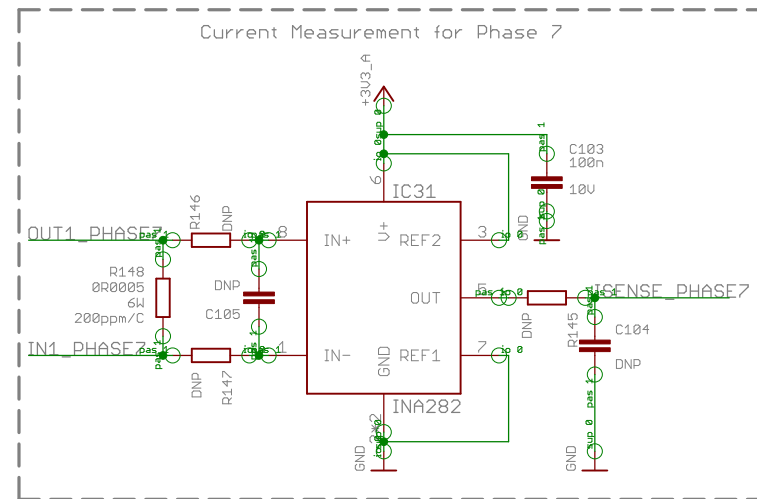
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INA282 mandatory circuit
Measuring range: $\pm 70\text{A}$ @ GAIN=50V/V
 $V_{OUT} = \text{GAIN} \times R_m \times I + 1.65\text{V}$ @ $\pm 3\text{V3}$ Supply

Current Measurement 7-12	
Inverter_v01	
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