

TP111  
XTAL1

5014

TP112  
XTAL2

5014

TP100  
RTS

5014

TP101  
TxD

5014

TP102  
CTS

5014

TP103  
RxD

5014

nRF52  
nRF52.SchDoc

P0.09 A1  
P0.10 A2  
P0.11 A3  
P0.12 A4  
P0.13 A5  
P0.14 A6  
P0.15 A7  
P0.16 A8  
P0.17 A9  
P0.18 A10  
P0.19 A11  
P0.20 A12  
P0.22 A13  
P0.23 A14  
P0.21 A15

DO  
DCC Output.SchDoc

P0.26 BRAKE\_N  
P0.02 MAIN\_DCC  
P0.27 PROG\_DCC  
P0.03 MAIN\_I\_SENSE  
P0.04 PROG\_I\_SENSE  
P0.28 THERM\_N

LI  
LED Indicators.SchDoc

P0.29 ERROR  
P0.25 STOP  
P0.31 PROG  
P0.30 BLE

PS  
Power Supply.SchDoc

TP104  
SYNC

5014

P0.24

REPEAT(RO,1,15)  
Relay Output.SchDoc

REPEAT(ACTUATE) REPEAT(CONTACT+)  
CONTACT-  
REPEAT(RELAY\_LED)

TP105 GND  
TP106 GND  
TP107 GND  
TP108 GND  
TP109 GND  
TP110 GND

D100  
RL1  
SML-A12P8TT86  
D101

RL1  
SML-A12P8TT86  
D101

RL2  
SML-A12P8TT86  
D102

RL2  
SML-A12P8TT86  
D102

RL3  
SML-A12P8TT86  
D103

RL3  
SML-A12P8TT86  
D103

RL4  
SML-A12P8TT86  
D104

RL4  
SML-A12P8TT86  
D104

RL5  
SML-A12P8TT86  
D105

RL5  
SML-A12P8TT86  
D105

RL6  
SML-A12P8TT86  
D106

RL6  
SML-A12P8TT86  
D106

RL7  
SML-A12P8TT86  
D107

RL7  
SML-A12P8TT86  
D107

RL8  
SML-A12P8TT86

RL8  
SML-A12P8TT86

D108  
RL9  
SML-A12P8TT86  
D109

RL9  
SML-A12P8TT86  
D109

RL10  
SML-A12P8TT86  
D110

RL10  
SML-A12P8TT86  
D110

RL11  
SML-A12P8TT86  
D111

RL11  
SML-A12P8TT86  
D111

RL12  
SML-A12P8TT86  
D112

RL12  
SML-A12P8TT86  
D112

RL13  
SML-A12P8TT86  
D113

RL13  
SML-A12P8TT86  
D113

RL14  
SML-A12P8TT86  
D114

RL14  
SML-A12P8TT86  
D114

RL15  
SML-A12P8TT86

RL15  
SML-A12P8TT86

J100 J101

C+1 1  
C+2 2  
C+3 3  
C+4 4  
C+5 5  
C+6 6  
C+7 7  
C+8 8  
C+9 9  
C+10 10  
C+11 11  
C+12 12  
C+13 13  
C+14 14  
C+15 15  
C+16 16

EDSTLZ1550/16 EDZ1550/16

Title: Top Level

Project: BlueTrack Hub

Drekker Development

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Darlington

NSW 2008

Australia

Drawn By: Thomas Cooney

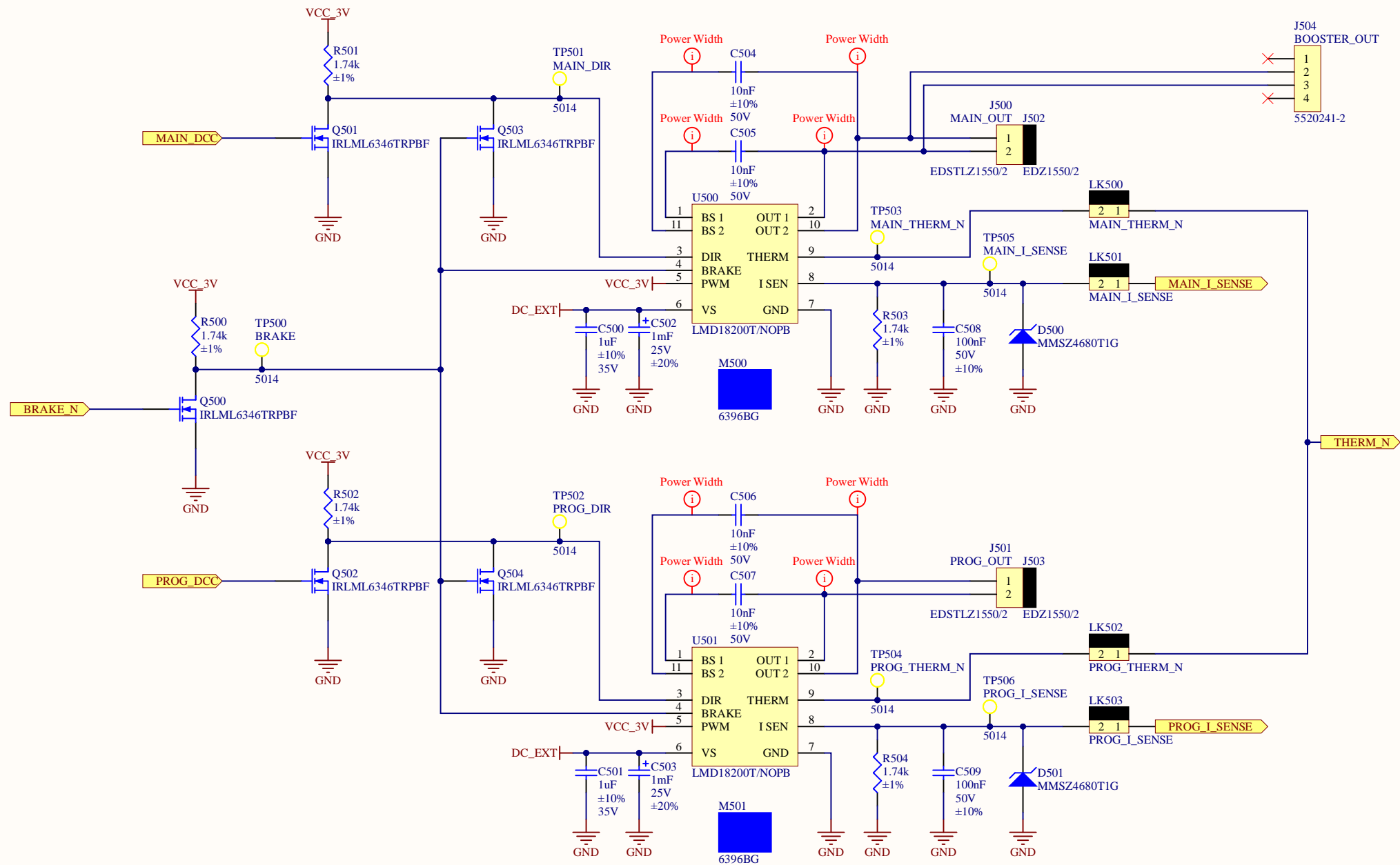
Revision: 1

Date: 2/01/2024

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File: TopLevel.SchDoc





A

B

C

D

A

B

C

D

