

PAGE02

MAINS REC.,BLEEDER CONTRL

AND PRE-CHARGE CIRCUIT

NUMBER 2XX

PAGE06

GATE DRIVE/INVERTER AXIS 2

NUMBER 5XX

PAGE10

GATE DRIVE/INVERTER AXIS 4

NUMBER 7XX

PAGE14

GATE DRIVE/INVERTER AXIS 6

NUMBER 9XX

PAGE03

INTERNAL POWER SUPPLY

NUMBER 3XX

PAGE07

GATE DRIVE/INVERTER AXIS 2

NUMBER 5XX

PAGE11

GATE DRIVE/INVERTER AXIS 4

NUMBER 7XX

PAGE15

GATE DRIVE/INVERTER AXIS 6

NUMBER 9XX

PAGE04

GATE DRIVE/INVERTER AXIS 1

NUMBER 4XX

PAGE08

GATE DRIVE/INVERTER AXIS 3

NUMBER 6XX

PAGE12

GATE DRIVE/INVERTER AXIS 5

NUMBER 8XX

PAGE16

CONNECTORS

NUMBER 1XX

PAGE05

GATE DRIVE/INVERTER AXIS 1

NUMBER 4XX

PAGE09

GATE DRIVE/INVERTER AXIS 3

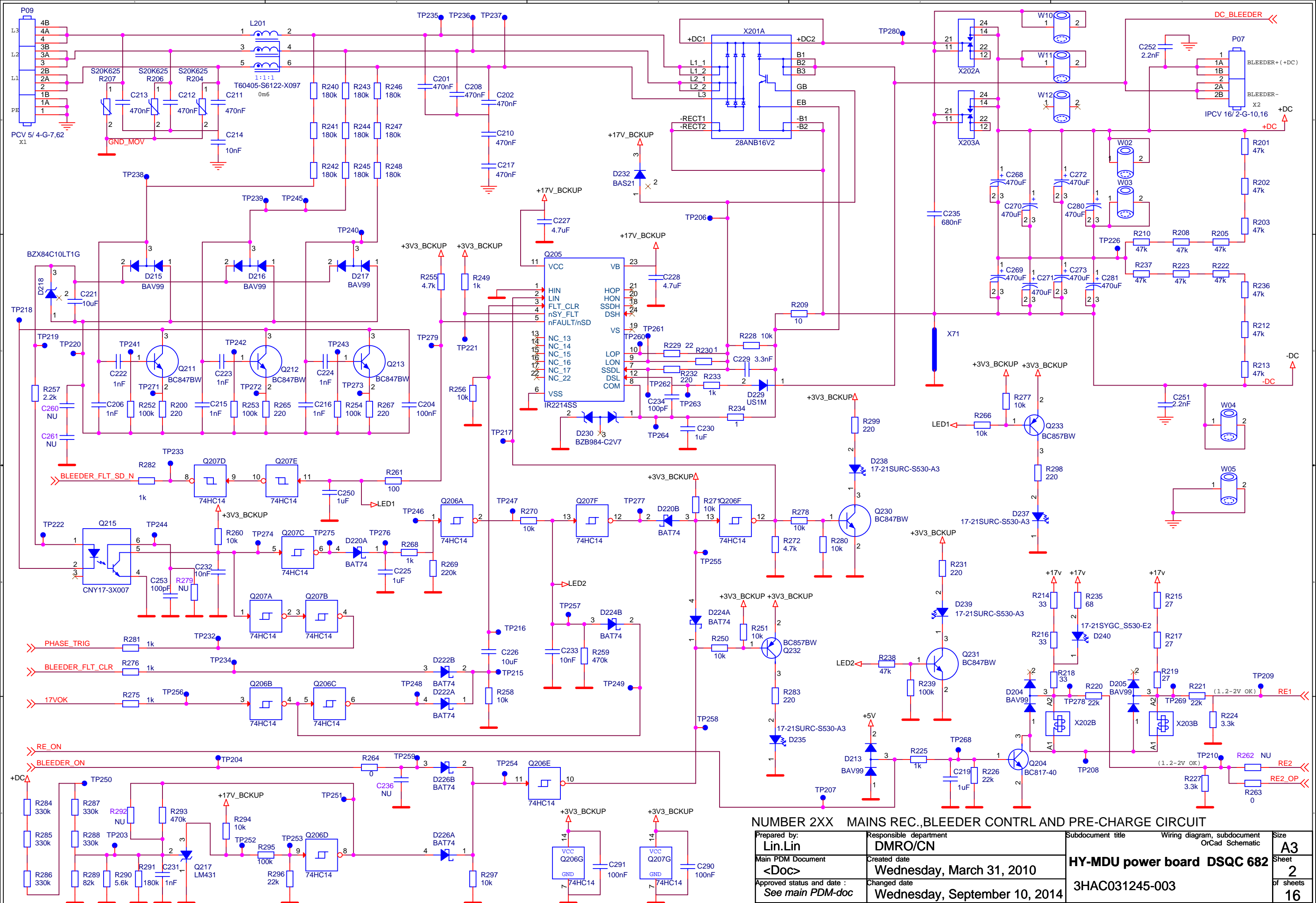
NUMBER 6XX

PAGE13

GATE DRIVE/INVERTER AXIS 5

NUMBER 8XX

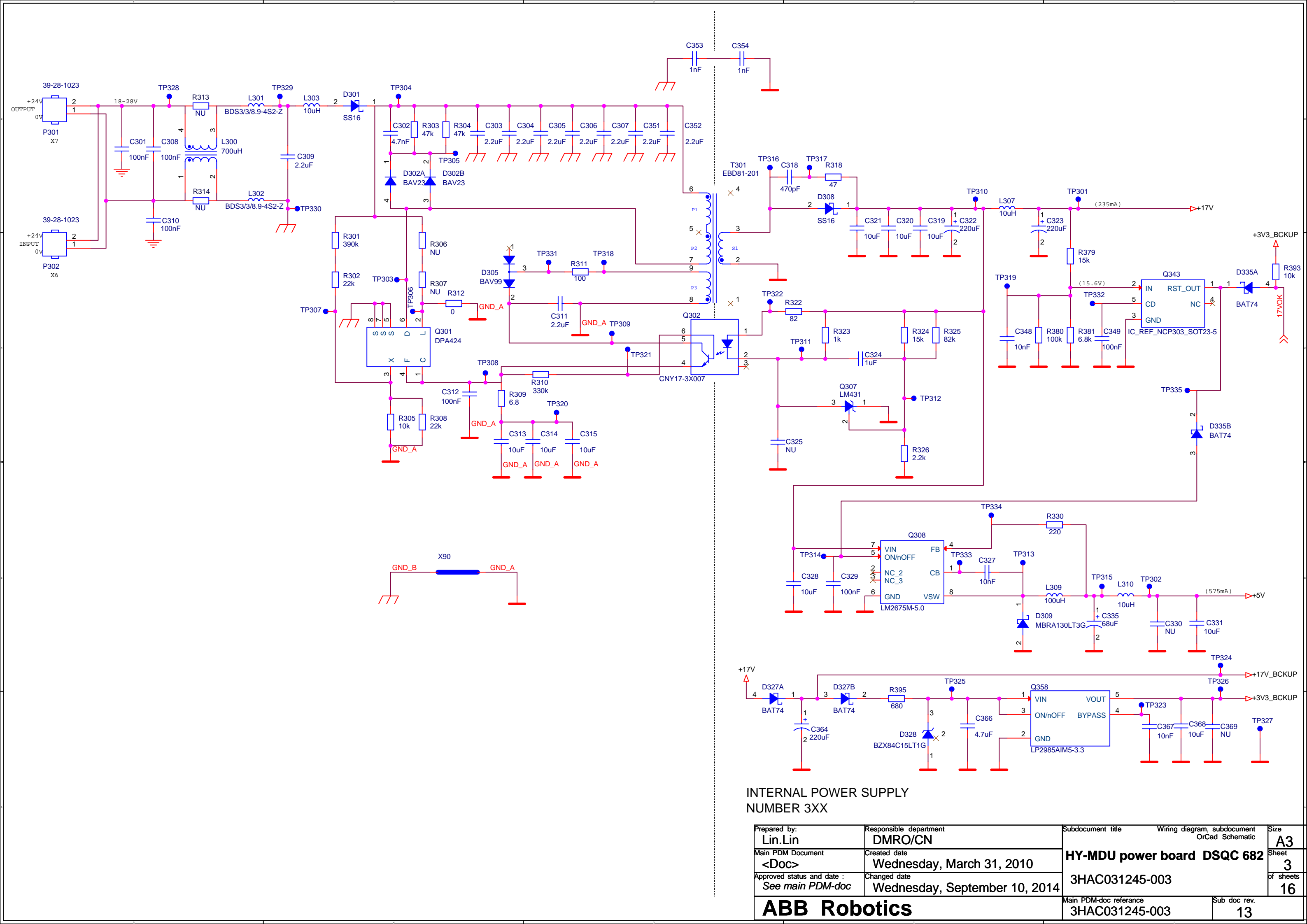
Prepared by: Lin.Lin	Responsible department DMRO/CN	Subdocument title Wiring diagram, subdocument OrCad Schematic HY-MDU power board DSQC 682 3HAC031245-003	Size A3
Main PDM Document <Doc>	Created date Wednesday, March 31, 2010		Sheet 1
Approved status and date : See main PDM-doc	Changed date Thursday, September 11, 2014		of sheets 16
ABB Robotics		Main PDM-doc reference 3HAC031245-003	Sub doc rev. 13



NUMBER 2XX MAINS REC.,BLEEDER CONTRL AND PRE-CHARGE CIRCUIT

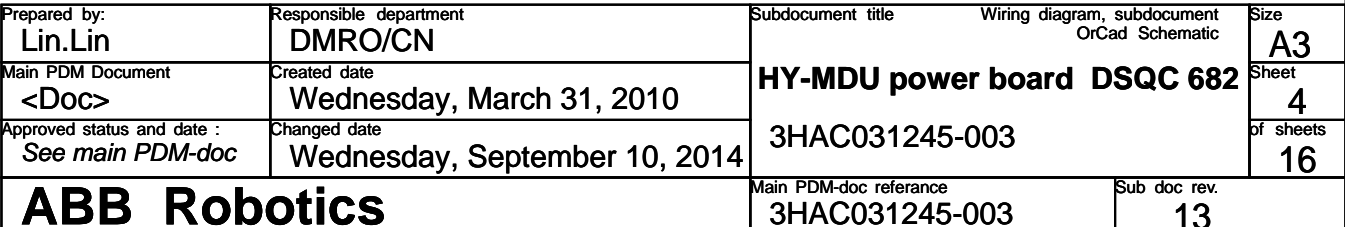
Prepared by: Lin.Lin	Responsible department DMRO/CN	Subdocument title Wiring diagram, subdocument OrCad Schematic	Size A3
Main PDM Document <Doc>	Created date Wednesday, March 31, 2010	HY-MDU power board DSQC 682	Sheet 2
Approved status and date : See main PDM-doc	Changed date Wednesday, September 10, 2014	3HAC031245-003	of sheets 16
ABB Robotics		Main PDM-doc reference 3HAC031245-003	Sub doc rev. 13

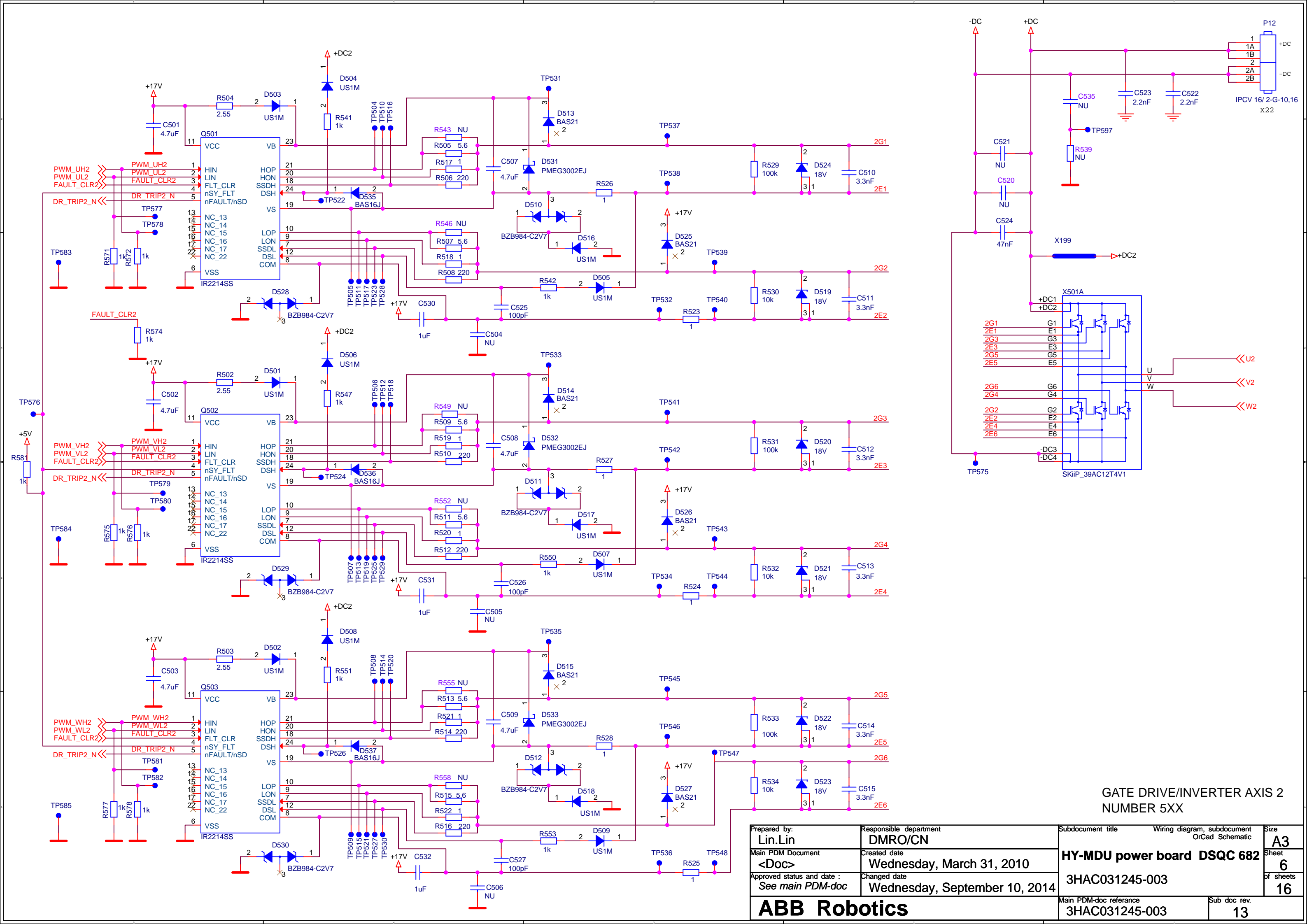
NU=NOT USED FS=FACTORY SET VALUE
COMPENT VALUES MAY BE REVISED.
FOR CURRENT VALUES-REFER TO THE PART LIST.



INTERNAL POWER SUPPLY
NUMBER 3XX

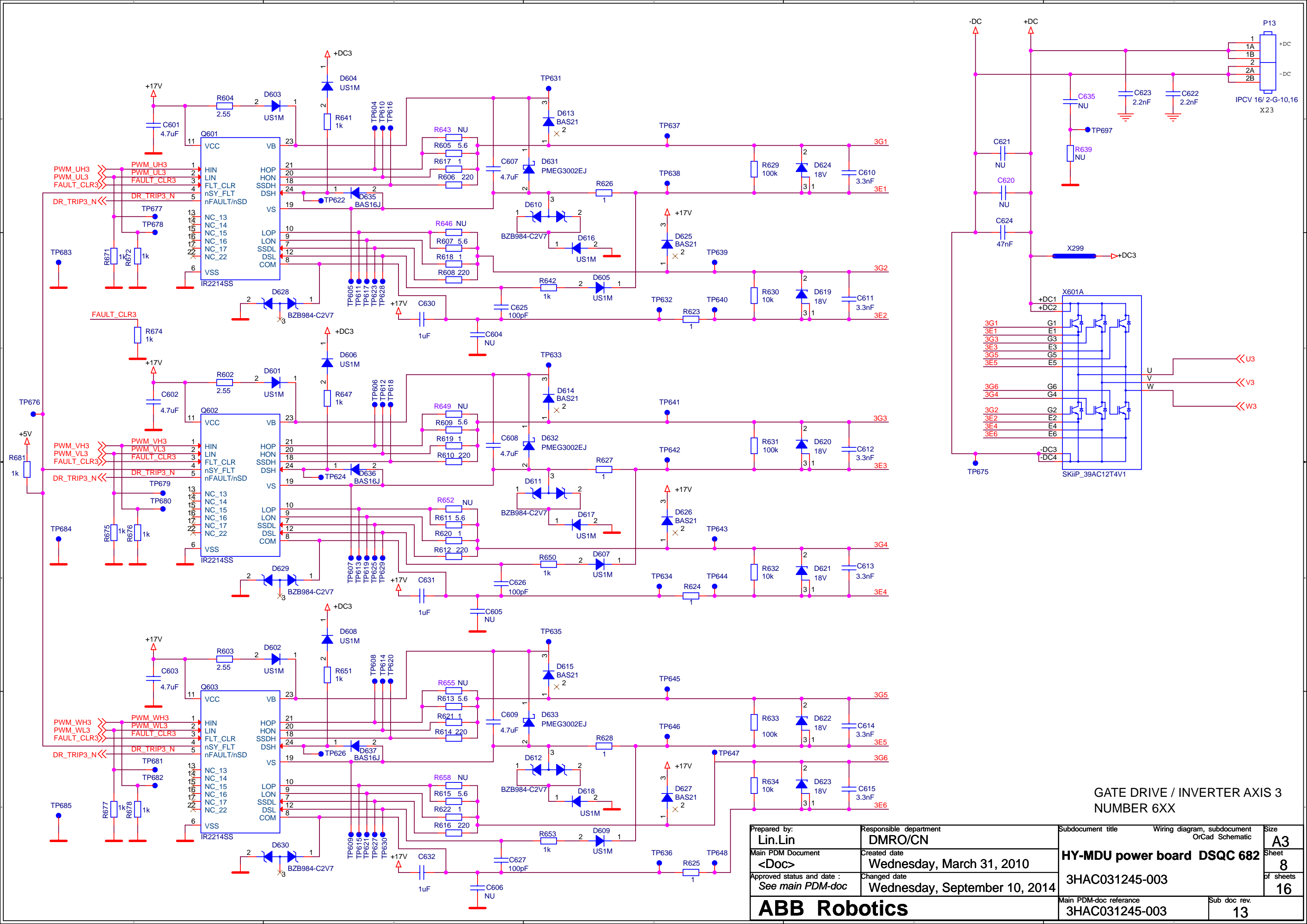
Prepared by: Lin.Lin	Responsible department DMRO/CN	Subdocument title Wiring diagram, subdocument OrCad Schematic	Size A3
Main PDM Document <Doc>	Created date Wednesday, March 31, 2010	HY-MDU power board DSQC 682	Sheet 3
Approved status and date : See main PDM-doc	Changed date Wednesday, September 10, 2014		of sheets 16
ABB Robotics		Main PDM-doc reference 3HAC031245-003	Sub doc rev. 13





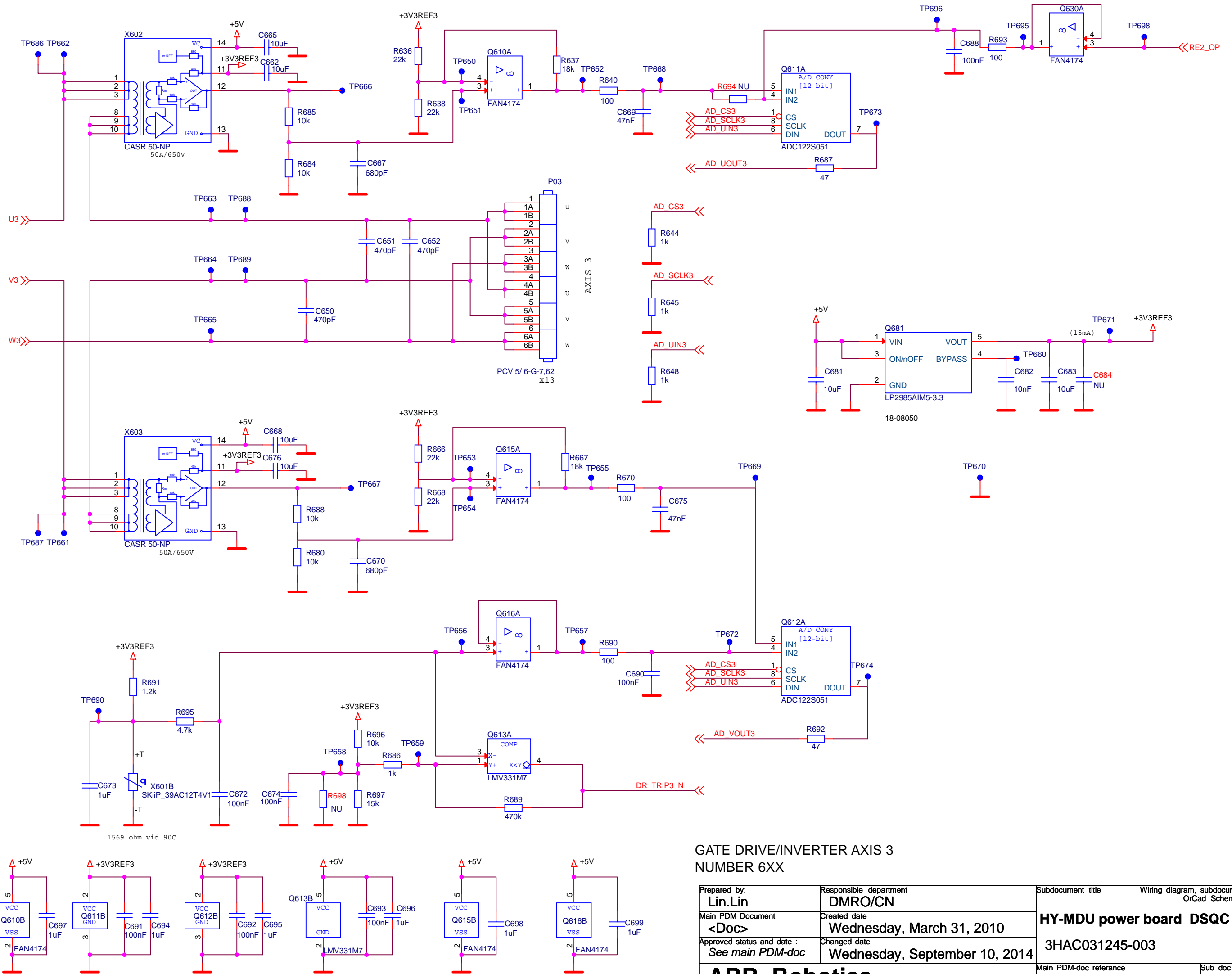
GATE DRIVE/INVERTER AXIS 2
NUMBER 5XX

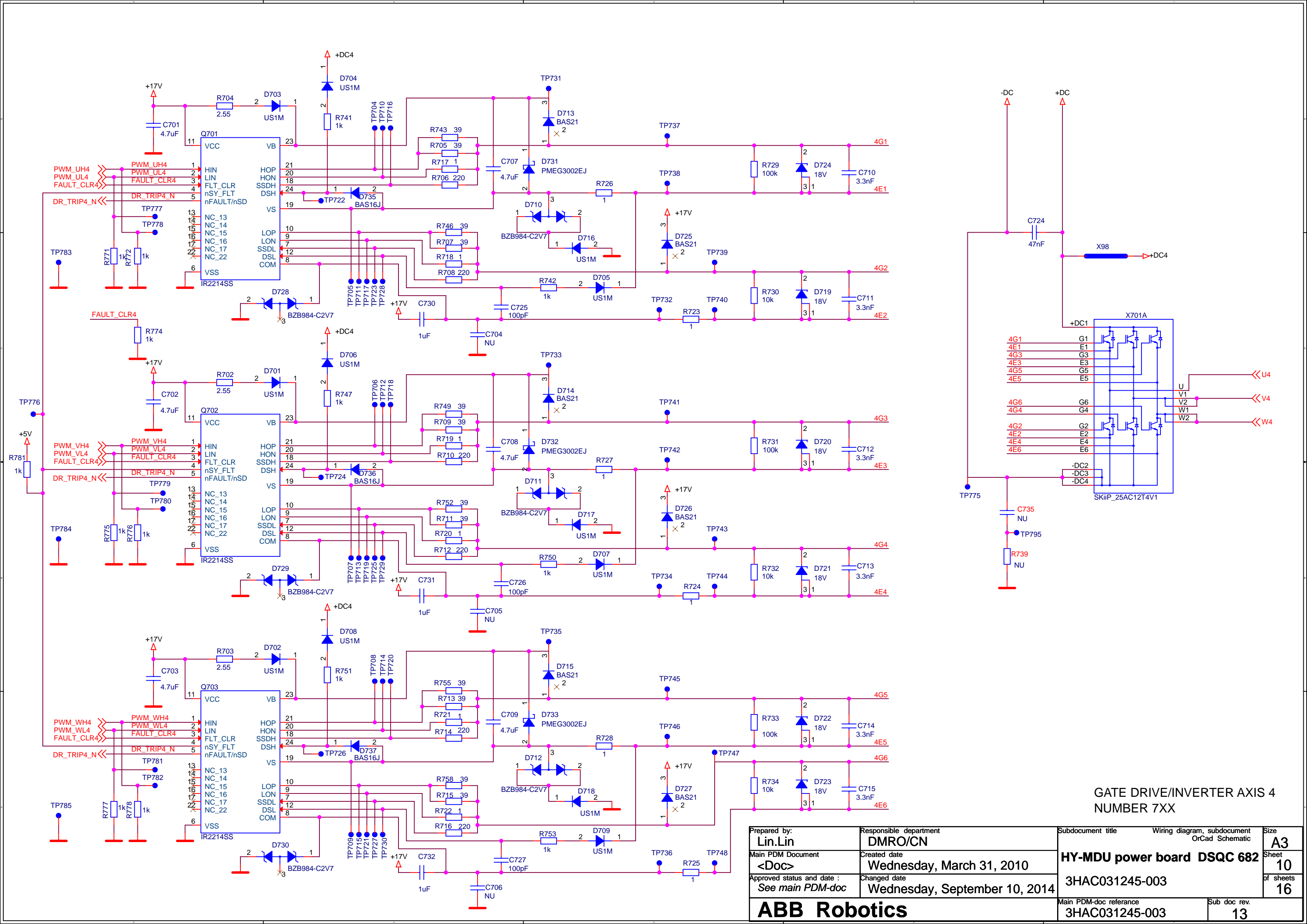
Prepared by: Lin.Lin	Responsible department DMRO/CN	Subdocument title Wiring diagram, subdocument OrCad Schematic	Size A3
Main PDM Document <Doc>	Created date Wednesday, March 31, 2010	HY-MDU power board DSQC 682	Sheet 6
Approved status and date : See main PDM-doc	Changed date Wednesday, September 10, 2014	3HAC031245-003	of sheets 16
ABB Robotics		Main PDM-doc reference 3HAC031245-003	Sub doc rev. 13



GATE DRIVE / INVERTER AXIS 3
NUMBER 6XX

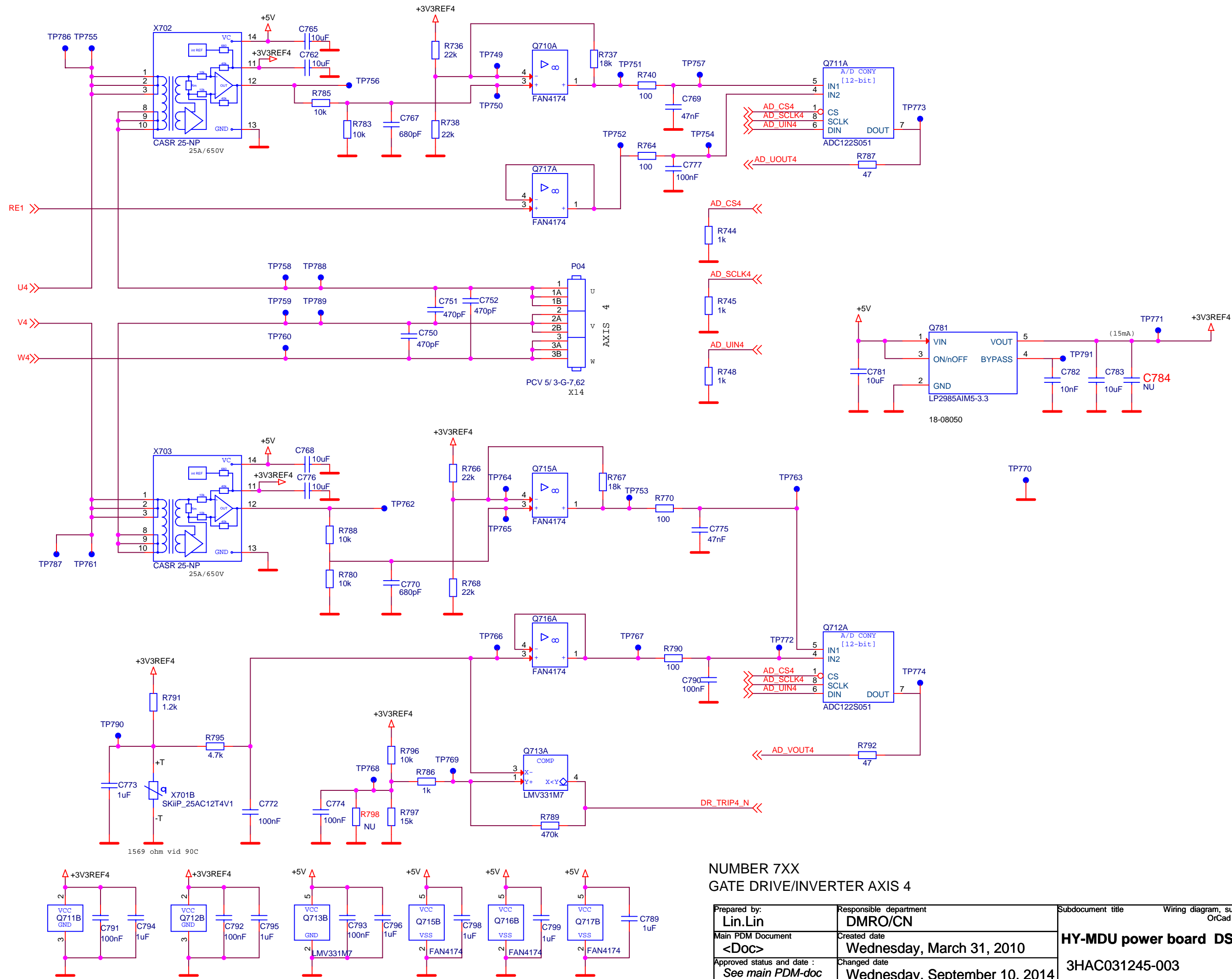
Prepared by: Lin.Lin	Responsible department DMRO/CN	Subdocument title Wiring diagram, subdocument OrCad Schematic	Size A3
Main PDM Document <Doc>	Created date Wednesday, March 31, 2010	HY-MDU power board DSQC 682	Sheet 8
Approved status and date : See main PDM-doc	Changed date Wednesday, September 10, 2014	3HAC031245-003	of sheets 16
ABB Robotics		Main PDM-doc reference 3HAC031245-003	Sub doc rev. 13





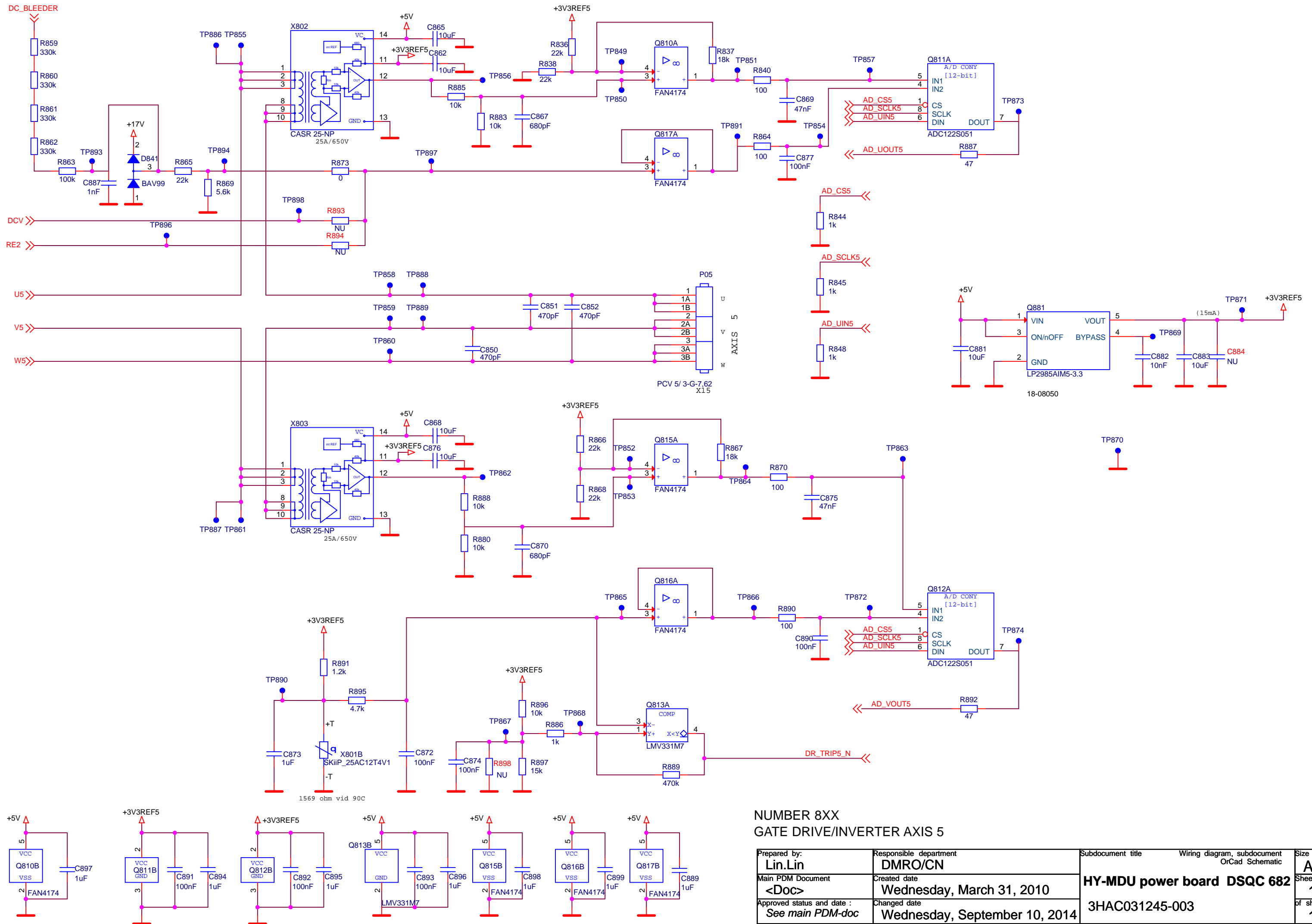
GATE DRIVE/INVERTER AXIS 4
NUMBER 7XX

Prepared by: Lin.Lin	Responsible department DMRO/CN	Subdocument title Wiring diagram, subdocument OrCad Schematic	Size A3
Main PDM Document <Doc>	Created date Wednesday, March 31, 2010	HY-MDU power board DSQC 682	Sheet 10
Approved status and date : See main PDM-doc	Changed date Wednesday, September 10, 2014	3HAC031245-003	of sheets 16
ABB Robotics		Main PDM-doc reference 3HAC031245-003	Sub doc rev. 13



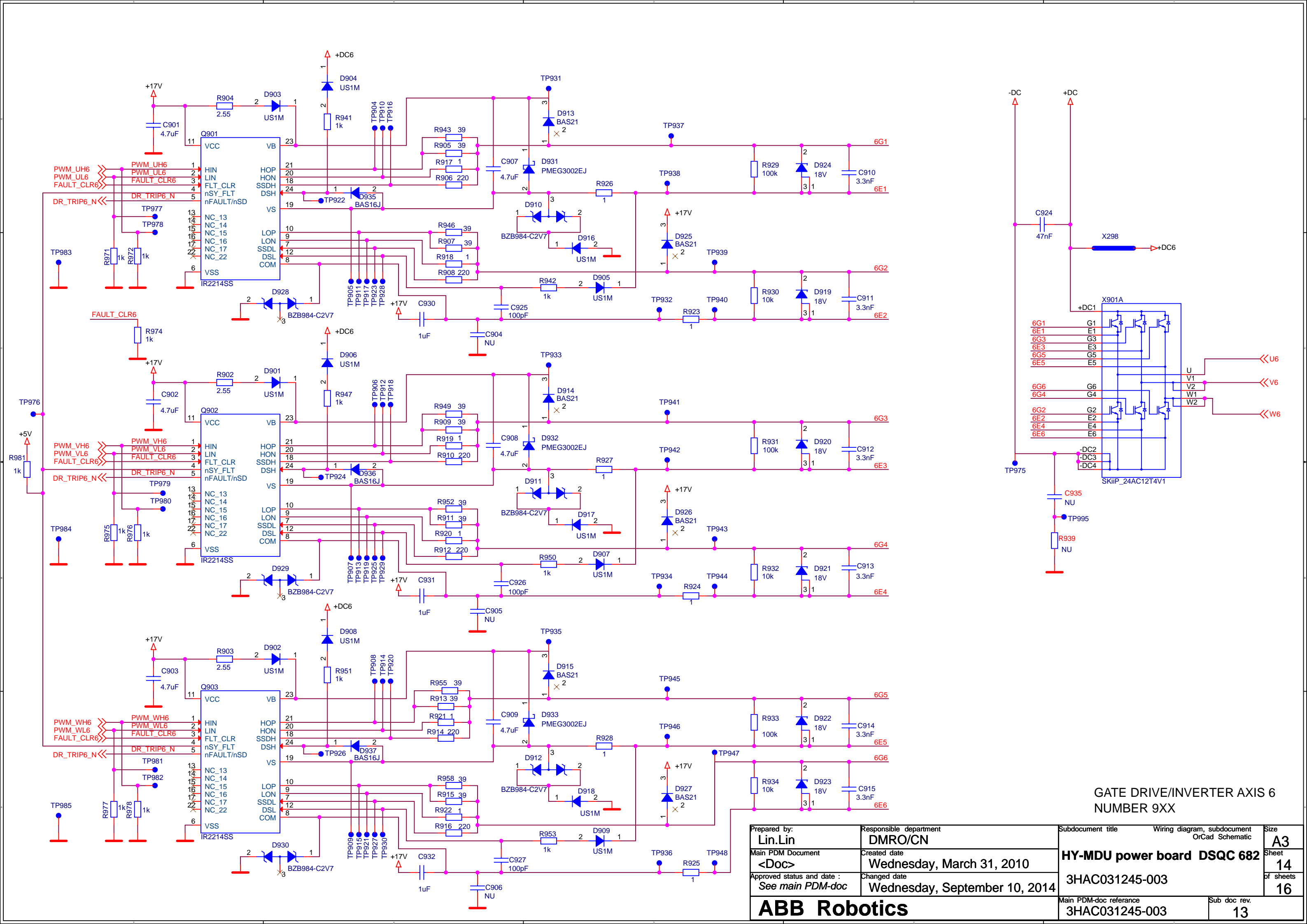
NUMBER 7XX
GATE DRIVE/INVERTER AXIS 4

Prepared by: Lin.Lin	Responsible department DMRO/CN	Subdocument title Wiring diagram, subdocument OrCad Schematic	Size A3
Main PDM Document <Doc>	Created date Wednesday, March 31, 2010	HY-MDU power board DSQC 682	Sheet 11
Approved status and date : See main PDM-doc	Changed date Wednesday, September 10, 2014		of sheets 16
ABB Robotics		Main PDM-doc reference 3HAC031245-003	Sub doc rev. 13



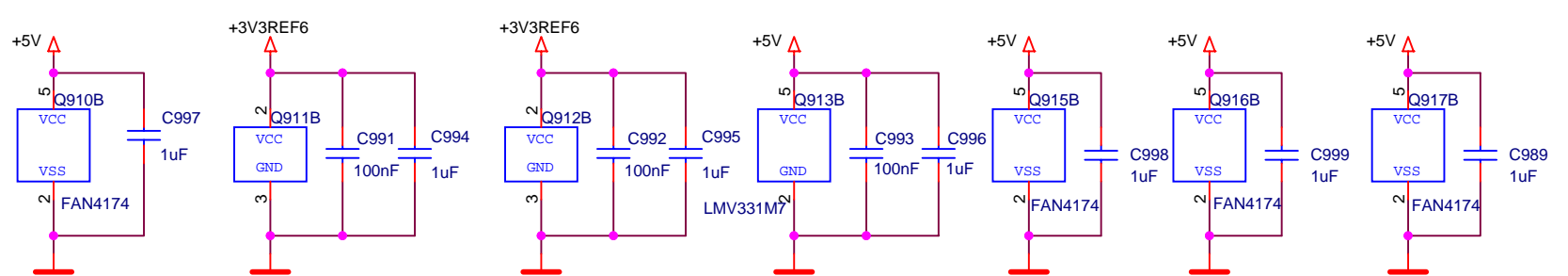
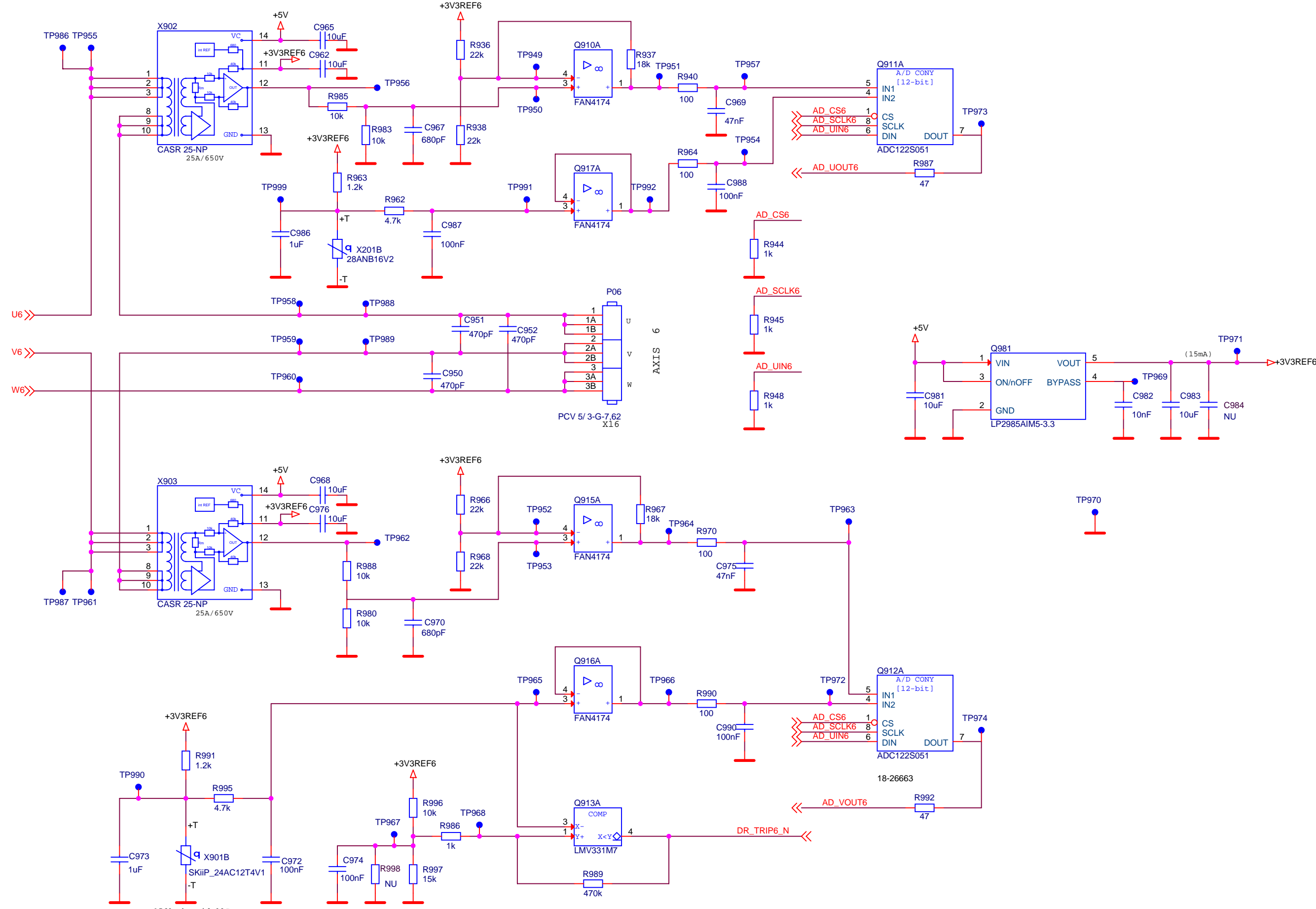
NUMBER 8XX GATE DRIVE/INVERTER AXIS 5

Prepared by: Lin.Lin	Responsible department DMRO/CN	Subdocument title Wiring diagram, subdocument OrCad Schematic	Size A3
Main PDM Document <Doc>	Created date Wednesday, March 31, 2010	HY-MDU power board DSQC 682	Sheet 13
Approved status and date : See main PDM-doc	Changed date Wednesday, September 10, 2014	3HAC031245-003	of sheets 16
ABB Robotics		Main PDM-doc reference 3HAC031245-003	Sub doc rev. 13



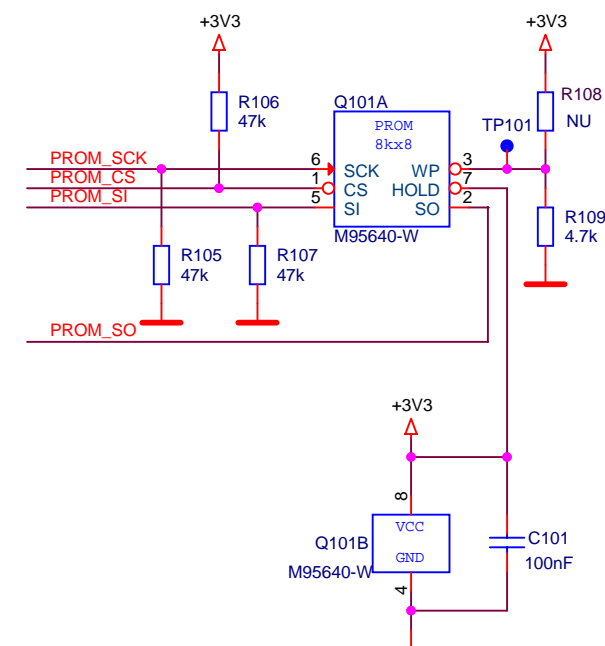
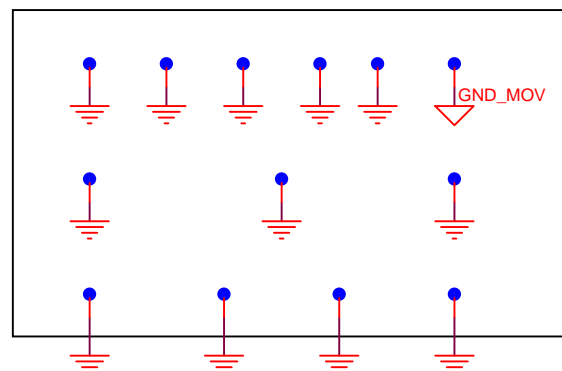
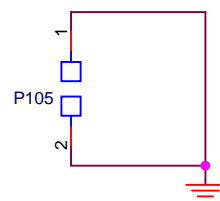
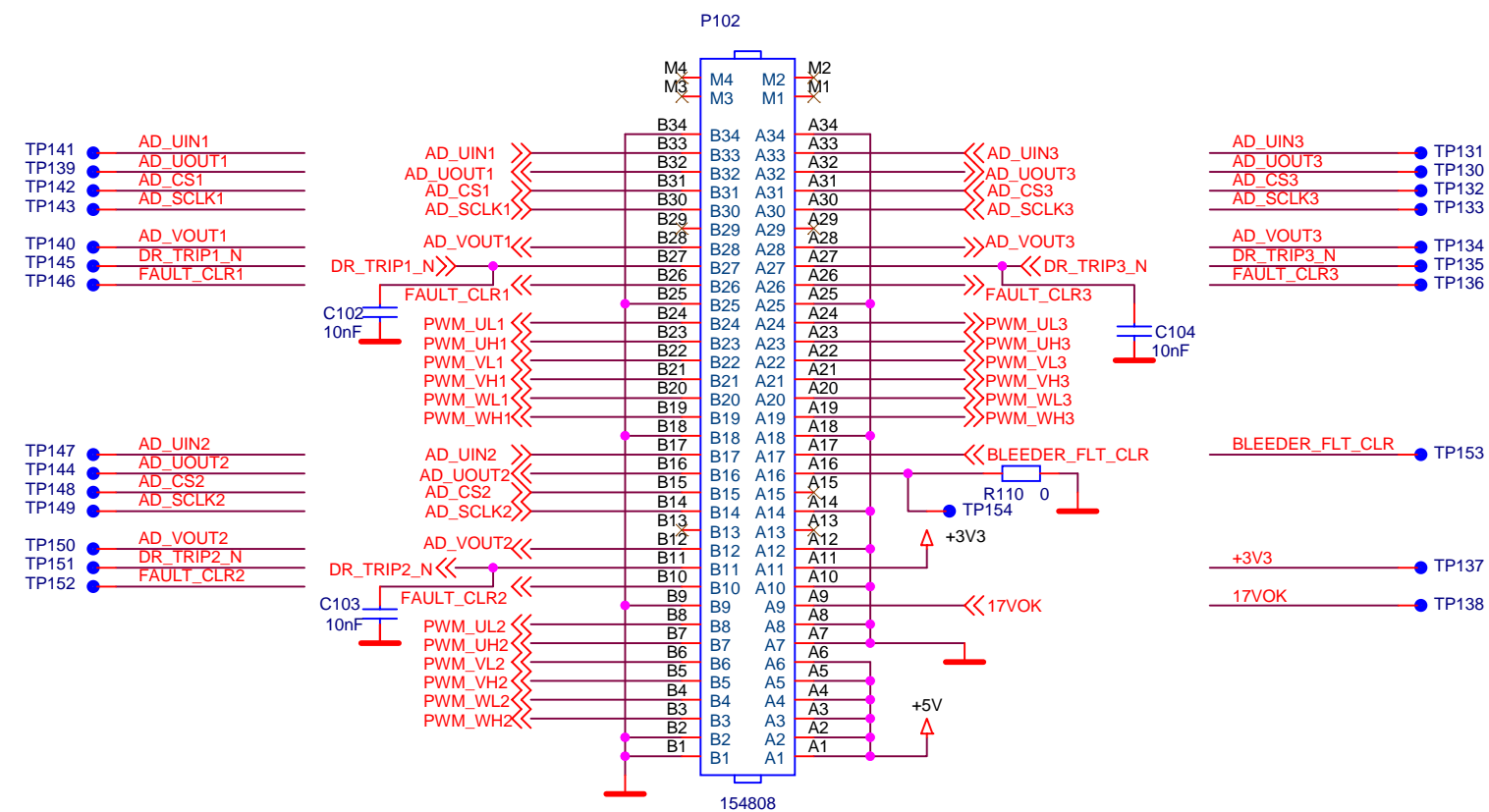
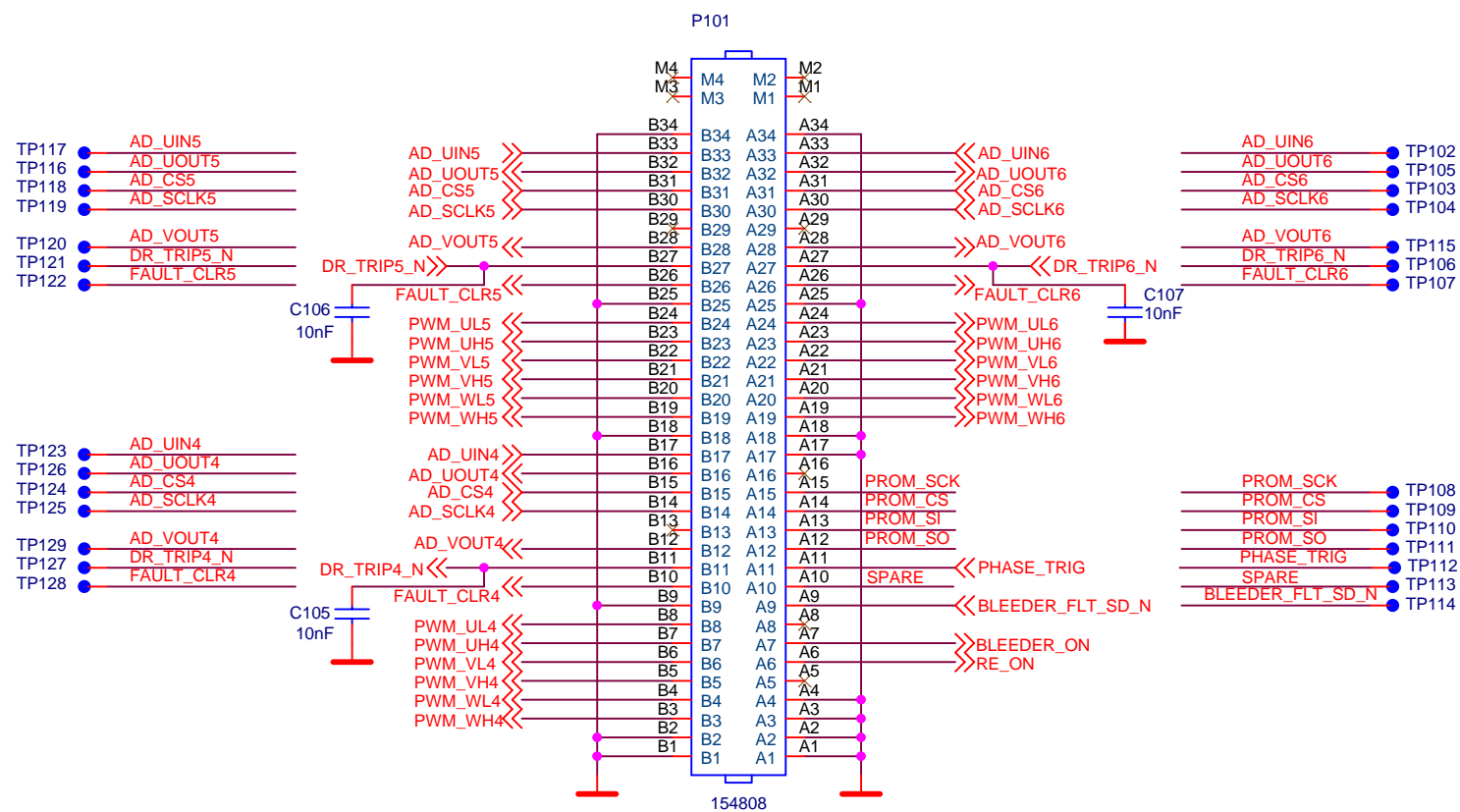
GATE DRIVE/INVERTER AXIS 6
NUMBER 9XX

Prepared by: Lin.Lin	Responsible department DMRO/CN	Subdocument title Wiring diagram, subdocument OrCad Schematic	Size A3
Main PDM Document <Doc>	Created date Wednesday, March 31, 2010	HY-MDU power board DSQC 682	Sheet 14
Approved status and date : See main PDM-doc	Changed date Wednesday, September 10, 2014	3HAC031245-003	of sheets 16
ABB Robotics		Main PDM-doc reference 3HAC031245-003	Sub doc rev. 13



NUMBER 9XX GATE DRIVE/INVERTER AXIS 6

Prepared by: Lin.Lin	Responsible department DMRO/CN	Subdocument title Wiring diagram, subdocument OrCad Schematic	Size A3
Main PDM Document <Doc>	Created date Wednesday, March 31, 2010	HY-MDU power board DSQC 682	Sheet 15
Approved status and date : See main PDM-doc	Changed date Wednesday, September 10, 2014		of sheets 16
ABB Robotics		Main PDM-doc reference 3HAC031245-003	Sub doc rev. 13



CONNECTORS
NUMBER 1XX

Prepared by: Lin.Lin	Responsible department DMRO/CN	Subdocument title Wiring diagram, subdocument OrCad Schematic	Size A3
Main PDM Document <Doc>	Created date Wednesday, March 31, 2010	HY-MDU power board DSQC 682	Sheet 16
Approved status and date : <i>See main PDM-doc</i>	Changed date Wednesday, September 10, 2014	3HAC031245-003	of sheets 16
ABB Robotics		Main PDM-doc reference 3HAC031245-003	Sub doc rev. 13