

TOSHIBA

A1C-1401

Printed Circuit Board

MMS
Modular Multi System (MMS)

SUPER
SUPER MODULAR MULTI (SMMS)

MiNi-SMMS
(MiNi-MMS)

SUPER
SUPER HEAT RECOVERY MULTI (SHRM)

SHRM
SUPER HEAT RECOVERY MULTI
(SHRM-i)

SMMS
SUPER MODULAR MULTI SYSTEM
(SMMS-i)

Other—

- HWS (Air-Water Heat Pump)
- VN (Heat Exchange Ventilator)
- VNK (Air to Air Heat Exchanger)
- VN-M (Concealed Microcomputer Control)
- MMD-VNK (Air to Air Heat Exchange DX Coil)

MCC-1255**Part No. 4316V045**

MMU-0071WH, MMU-0091WH, MMU-0121WH, MMU-0181WH, MMU-0241WH,
MMU-0301WH, MMU-0361WH, MMU-0481WH

MCC-1256**Part No. 4316V046**

MMU-0181SH, MMU-0241SH, MMU-0091SH, MMU-0121SH

MCC-1256**Part No. 4316V046**

MMD-0071BH, MMD-0091BH, MMD-0121BH, MMD-0181BH, MMD-0241BH, MMD-0301BH,
MMD-0361BH, MMD-0481BH

MCC-1256**Part No. 4316V046**

MMD-0181H, MMD-0241H, MMD-0361H, MMD-0481H, MMD-0721H, MMD-0961H

MCC-1256**Part No. 4316V047**

MML-0091H, MML-0181H, MML-0241H

MCC-1256**Part No. 4316V047**

MML-0091BH, MML-0181BH, MML-0241BH

MCC-1256**Part No. 4316V047**

MMC-0181H, MMC-0241H, MMC-0361H, MMC-0481H

MCC-1342**Part No. 4316V098**

MMY-M0801, MMY-M1001MMY-MP0801T8, MMY-MP1001T8, MMY-MP0801HT7,
MMY-MP1001HT7, MMY-MP0801HT8, MMY-MP1001HT8

MCC-1349**Part No. 4316V095**

MMU-0121H, MMU-0151H, MMU-0181H, MMU-0241H, MMU-0301H, MMU-0361H, MMU-0481H

MCC-1350**Part No. 4316V096**

MMU-0121H, MMU-0151H, MMU-0181H, MMU-0241H, MMU-0301H, MMU-0361H, MMU-0481H

MCC-1355**Part No. 4316V162**

MMU-P0091SH, MMU-P0121SH, MMU-P0151SH, MMU-P0181SH, MMU-P0241SH
MMD-P0071BH, MMD-P0091BH, MMD-P0121BH, MMD-P0151BH, MMD-P0181BH,
MMD-P0241BH, MMD-P0301BH, MMD-P0361BH, MMD-P0481BH
MMD-P0181H, MMD-P0241H, MMD-P0361H, MMD-P0481H, MMD-P0721H, MMD-P0961H
MMC-P0151H, MMC-P0181H, MMC-P0241H, MMC-P0361H, MMC-P0481H

MCC-1365**Part No. 4316V163**

MMK-P0091H, MMK-P0121H, MMK-P0151H, MMK-P0181H, MMK-P0241H, MMK-P030H
MMU-P0071WH, MMU-P0091WH, MMU-P0121WH, MMU-P0301WH,
MMU-P0361WH, MMU-P0481WH

MCC-1361**Part No. 4316V164**

MMU-P0121H, MMU-P0151H, MMU-P0181H, MMU-P0241H, MMU-P0301H,
MMU-P0361H, MMU-P0481H

MCC-1382**Part No. 4316V167**

MMU-P0121H, MMU-P0151H, MMU-P0181H, MMU-P0241H, MMU-P0301H, MMU-P0361H,
MMU-P0481H

MCC-1343**Part No. 4316V106**

MMY-M0601H8

MCC-1343**Part No. 4316V105**

MMY-M0801T8, MMY-M1001T8

MCC-1343**Part No. 4316V102**

MMY-M06018

MCC-1343**Part No. 4316V106**

MMY-M08018, MMY-M10018

MCC-1343**Part No. 4316V106**

MMY-MP0601H8, MMY-MP0801H8, MMY-MP1001H8
MMY-MP0601H7, MMY-MP0801H7, MMY-MP1001H7

MCC-1343**Part No. 4316V105**

MMY-MP0801HT7, MMY-MP1001HT7, MMY-MP0801HT8, MMY-MP1001HT8

MCC-1343**Part No. 4316V105**

MMY-MP0801T8, MMY-MP1001T8

MCC-1343**Part No. 4316V102**

MMY-MP06018, MMY-MP08018, MMY-M10018

MCC-1343**Part No. 4316V106**

MMY-MP06018, MMY-MP08018, MMY-M10018

MCC-1255**Part No. 4316V077**

MMK-0091H, MMK-0121H, MMK-0181H, MMK-0241H
MMK-0091HIR, MMK-0121HIR, MMK-0151HIR, MMK-0181HIR, MMK-0241HIR

MCC-1361**Part No. 4316V165**

MMU-P0091SH, MMU-P0121SH, MMU-P0151SH, MMU-P0181SH, MMU-P0241SH
MMU-P0071BH, MMU-P0091BH, MMU-P0121BH, MMU-P0181BH, MMU-P0241BH,
MMU-P0301BH, MMU-P0361BH, MMU-P0481BH
MMC-P0151H, MMC-P0181H, MMC-P0241H, MMC-P0361H, MMC-P0241H
MMD-P0181H, MMD-P0241H, MMD-P0361H, MMD-P0481H

MCC-1343**Part No. 4316V106**

MMY-M0601H8

MCC-1343**Part No. 4316V101**

MMY-M0801T8, MMY-M1001T8

MCC-1256**Part No. 4316V047**

MML-0091BH, MML-0181BH, MML-0241BH

MCC-1361**Part No. 4316V164**

MMU-P0121H, MMU-P0151H, MMU-P0181H, MMU-P0241H, MMU-P0301H, MMU-P0361H, MMU-P0481H

MCC-1343**Part No. 4316V106**

MMY-M0601HT8-1, MMY-M0801HT8-1, MMY-M1001HT8-1

MCC-1343**Part No. 4316V105**

MMY-M0801HT8-1, MMY-M1001HT8-1

MCC-1535**Part No. 4316V308**

MCY-MAP0401HT-C, MCY-MAP0501HT-C, MCY-MAP0601HT-C

MCC-1403**Part No. 4316V469**

MML-AP0074H-C, MML-AP0094H-C, MML-AP0124H-C, MML-AP0154H-C, MML-AP0184H-C, MML-AP0244H-C

MCC-1403**Part No. 4316V444**MML-AP0074BH-C, MML-AP0094BH-C, MML-AP0124BH-C, MML-AP0154BH-C, MML-AP0184BH-C, MML-AP0244BH-C
MMU-AP0074YH-C, MMU-AP0094YH-C, MMU-AP0124YH-C
MMF-AP0154H-C, MMF-AP0184H-C, MMF-AP0244H-C, MMF-AP0274H-C, MMF-AP0364H-C, MMF-AP0484H-C, MMF-AP0564H-C**MCC-1403****Part No. 4316V444**

MMD-AP0184H-C, MMD-AP0244H-C, MMD-AP0274H-C, MMD-AP0364H-C, MMD-AP0484H-C

MCC-1403**Part No. 4316V444**

MMD-AP0724H-C, MMD-AP0964H-C

MCC-1402**Part No. 4316V473**

MMU-AP0074MH-C, MMU-AP0094MH-C, MMU-AP0124MH-C, MMU-AP0154MH-C, MMU-AP0184MH-C

MCC-1402

Part No. 4316V473

MMU-AP0154H-C, MMU-AP0184H-C, MMU-AP0274H-C, MMU-AP0154SH-C,
MMU-AP0184SH-C, MMU-AP0244SH-C
MMC-AP0154H-C, MMC-AP0184H-C, MMC-AP0244H-C, MMC-AP0274H-C,
MMC-AP0364H-C, MMC-AP0484H-C

MCC-1402

Part No. 4316V473

MMD-AP0074SH-C, MMD-AP0094SH-C, MMD-AP0124SH-C, MMD-AP0154SH-C,
MMD-AP0184SH-C, MMD-AP0244SH-C, MMD-AP0274SH-C
MMD-AP0074SPH-C, MMD-AP0094SPH-C, MMD-AP0124SPH-C, MMD-AP0154SPH-C,
MMD-AP0184SPH-C, MMD-AP0244SPH-C, MMD-AP0274SPH-C

MCC-1402

Part No. 4316V473

MMU-AP0072WH-C, MMU-AP0092WH-C, MMU-AP0122WH-C, MMU-AP0152WH-C,
MMU-AP0182WH-C, MMU-AP0242WH-C, MMU-AP0272WH-C, MMU-AP0302WH-C,
MMU-AP0362WH-C, MMU-AP0482WH-C, MMU-AP0562WH-C

MCC-1402

Part No. 4316V438

MMD-AP0074BH-C, MMD-AP0094BH-C, MMD-AP0124BH-C, MMD-AP0154BH-C,
MMD-AP0184BH-C, MMD-AP0244BH-C, MMD-AP0274BH-C, MMD-AP0304BH-C,
MMD-AP0364BH-C, MMD-AP0484BH-C, MMD-AP0564BH-C

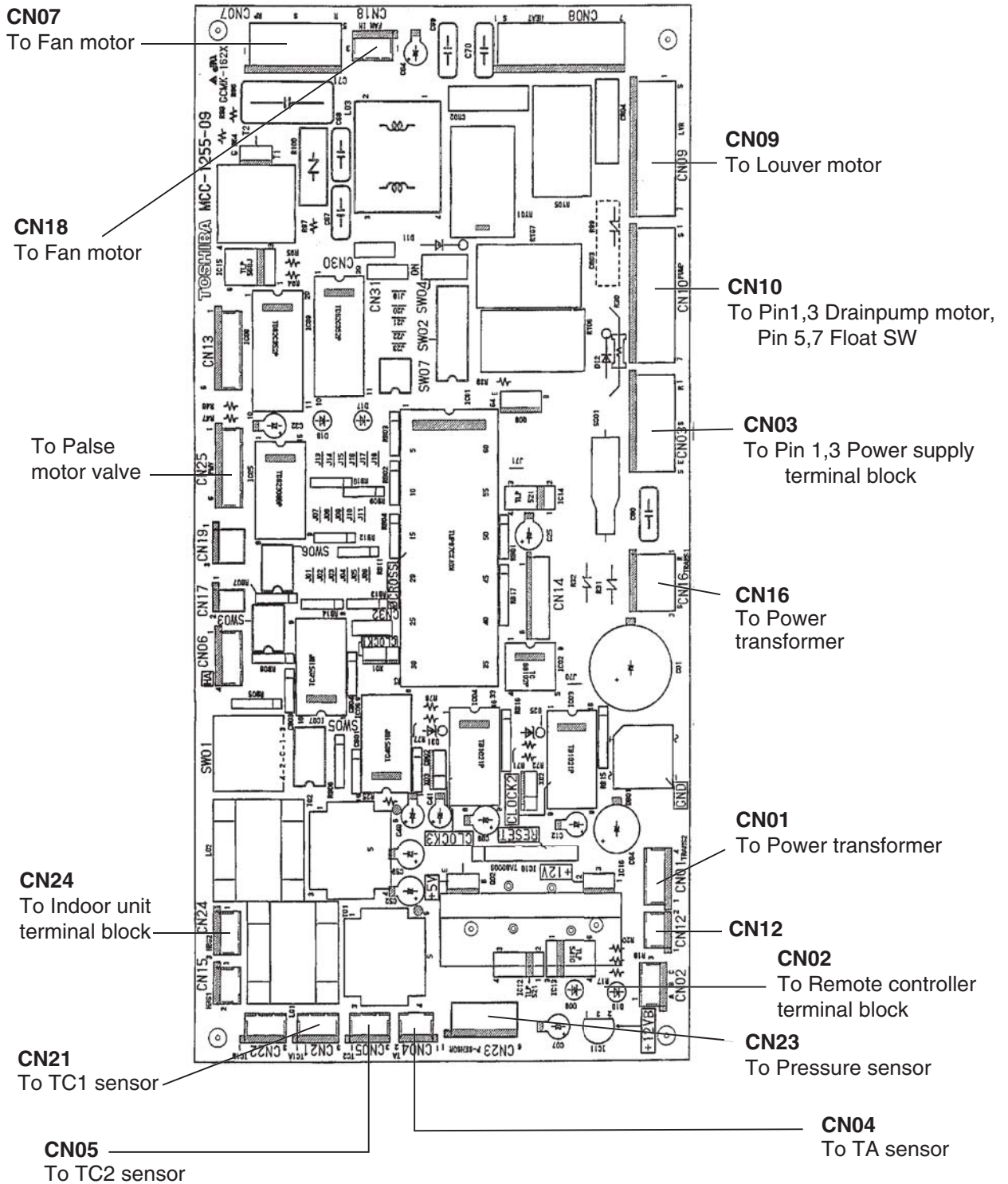
MCC-1570

Part No. 4316V379

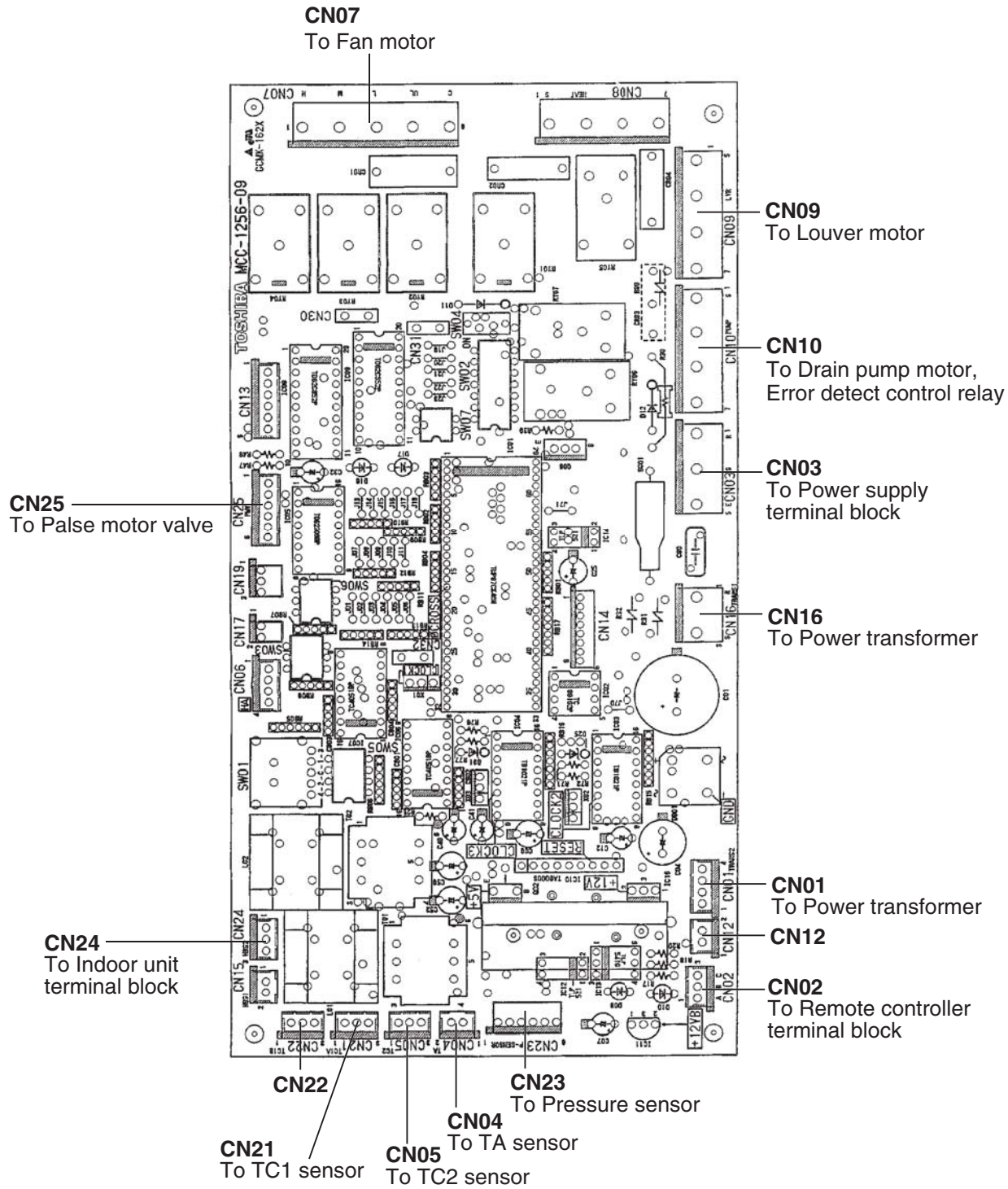
MMU-AP0092H-C, MMU-AP0122H-C, MMU-AP0152H-C, MMU-AP0182H-C,
MMU-AP0242H-C, MMU-AP0272H-C, MMU-AP0302H-C, MMU-AP0362H-C,
MMU-AP0482H-C, MMU-AP0562H-C,

**MMU-0071WH, MMU-0091WH, MMU-0121WH, MMU-0181WH, MMU-0241WH,
MMU-0301WH, MMU-0361WH, MMU-0481WH**

**MMU-0071WH, MMU-0091WH, MMU-0121WH, MMU-0181WH, MMU-0241WH,
MMU-0301WH, MMU-0361WH, MMU-0481WH**



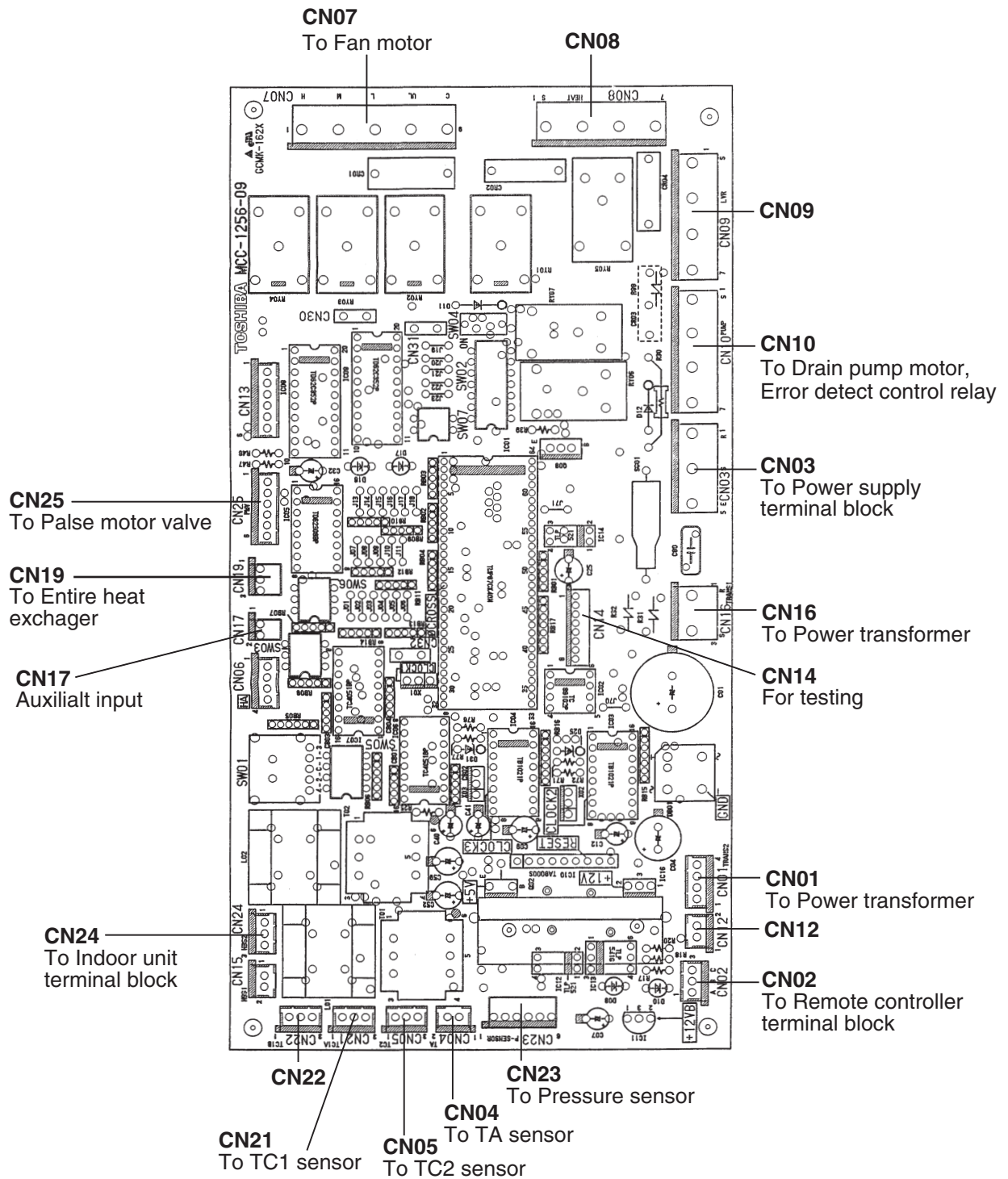
MMU-0181SH, MMU-0241SH, MMU-0091SH, MMU-0121SH



MCC-1256

Part No. 4316V046

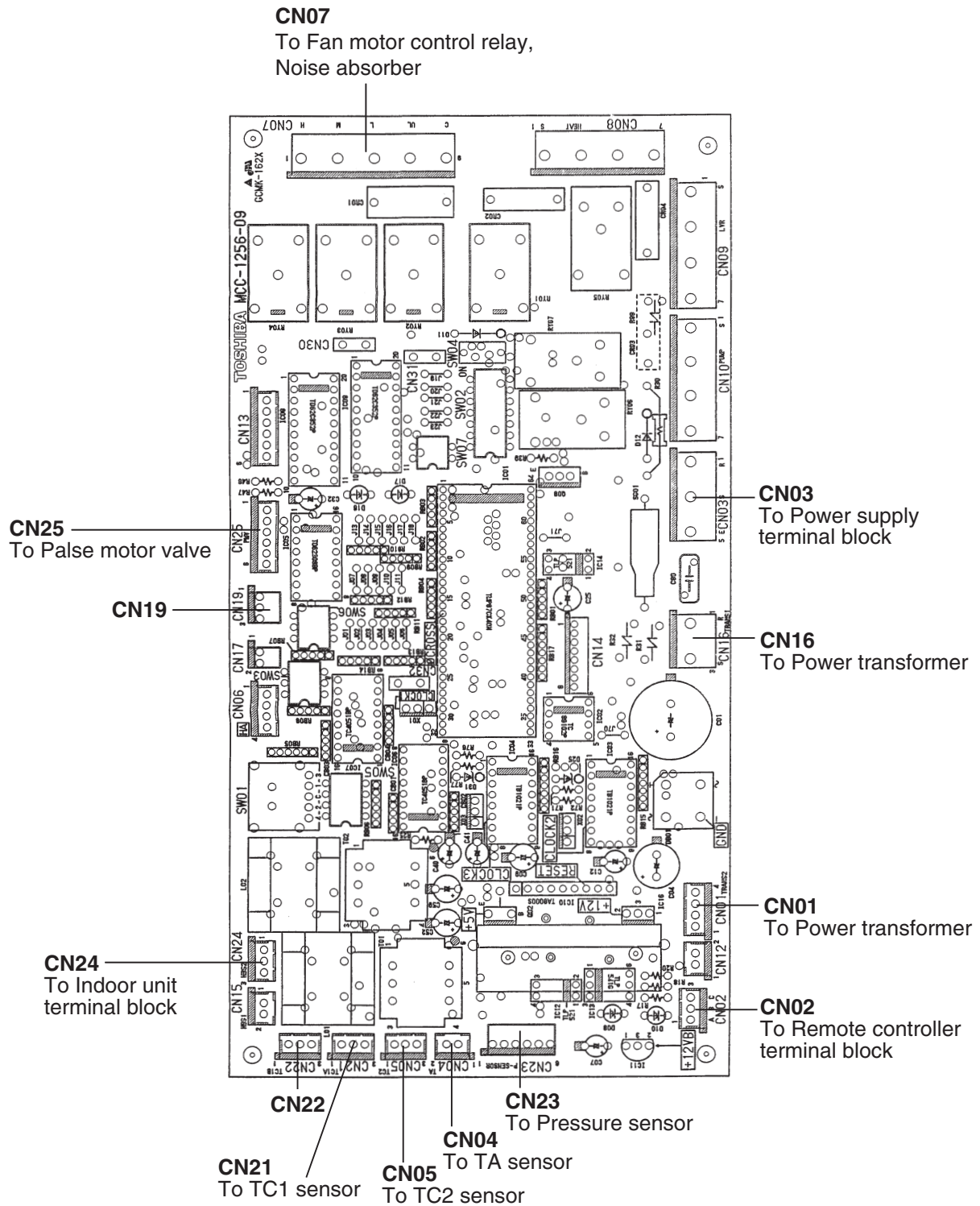
MMD-0071BH, MMD-0091BH, MMD-0121BH, MMD-0181BH, MMD-0241BH, MMD-0301BH,
MMD-0361BH, MMD-0481BH



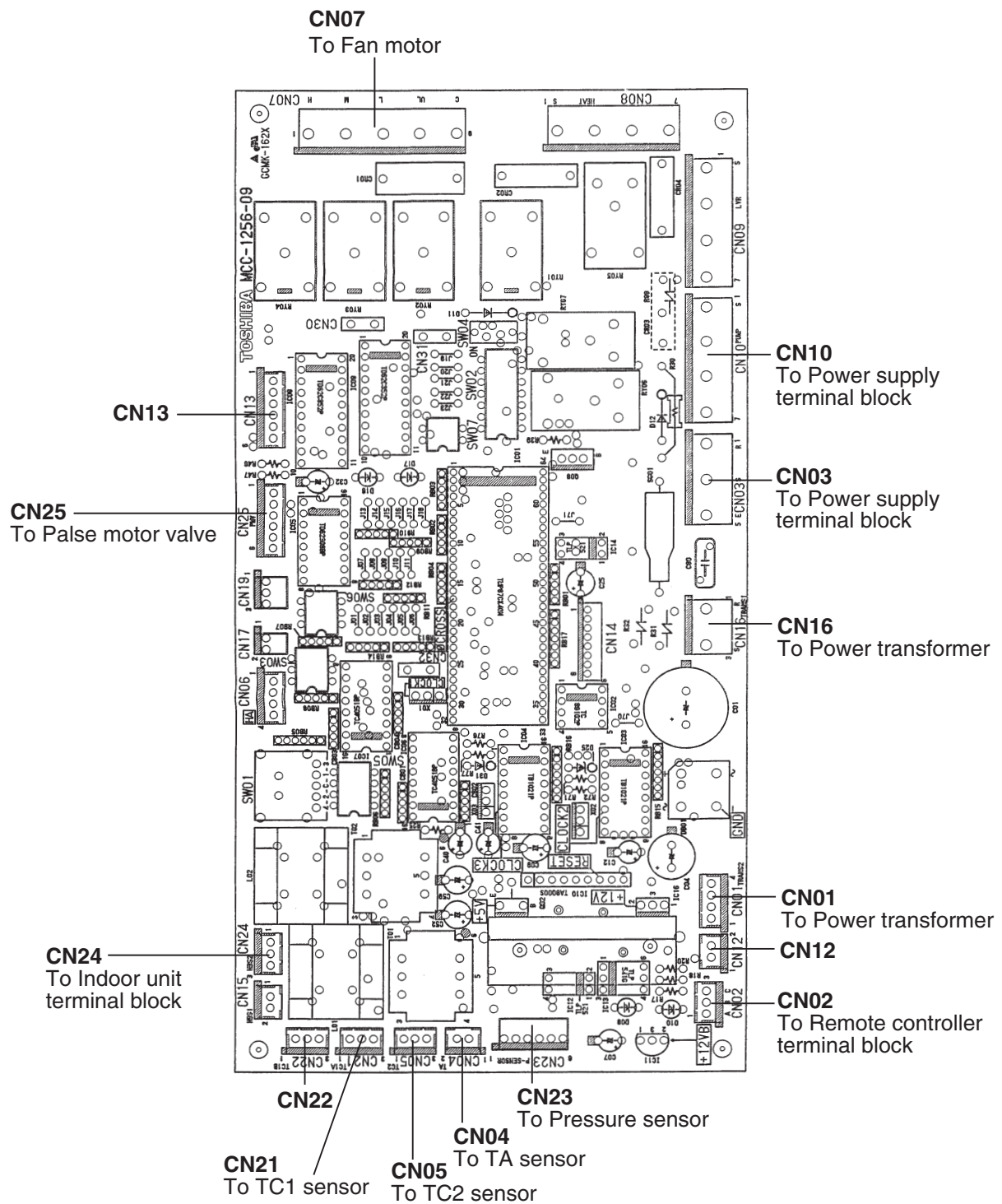
MCC-1256

Part No. 4316V046

MMD-0181H, MMD-0241H, MMD-0361H, MMD-0481H, MMD-0721H, MMD-0961H



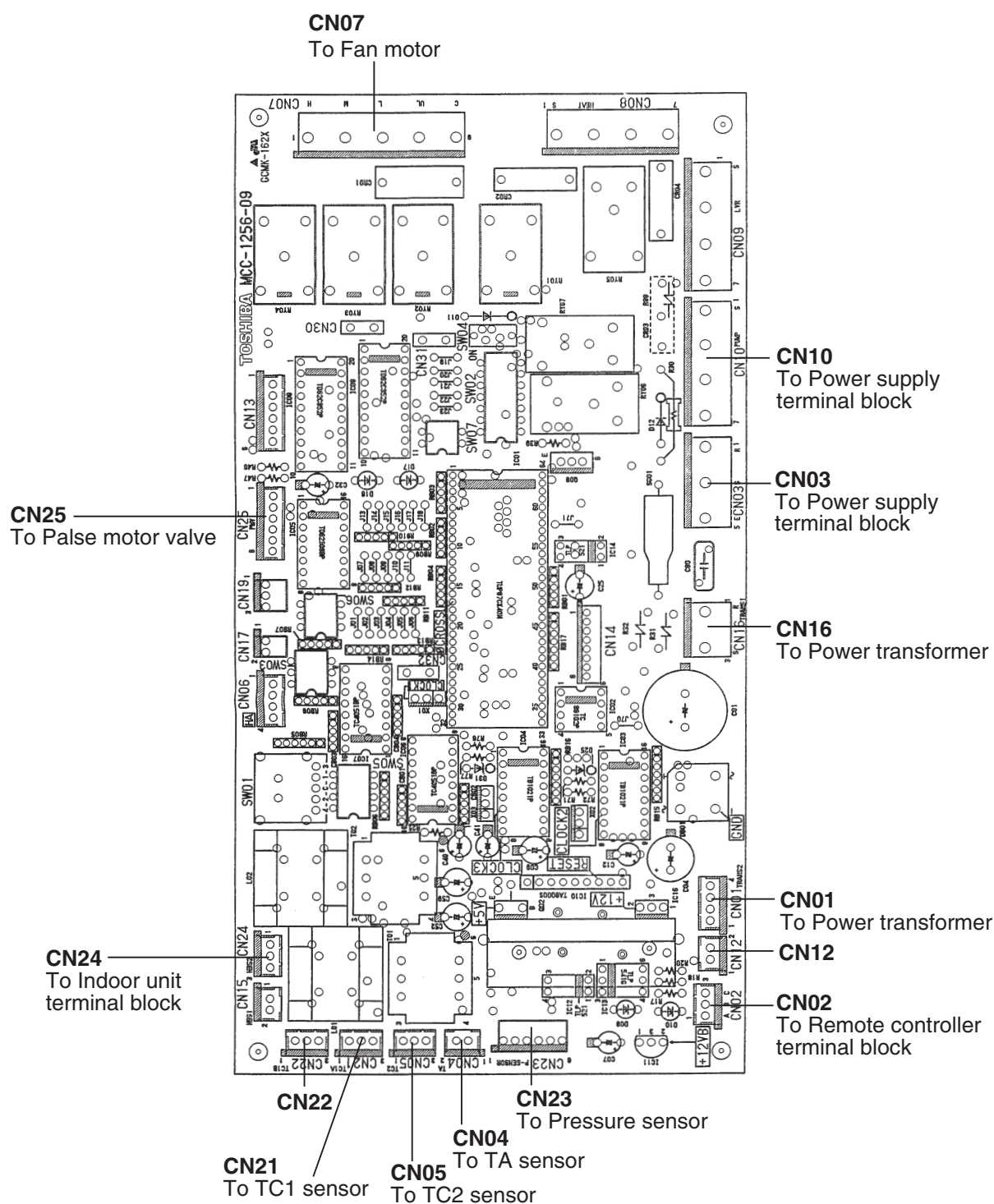
MML-0091H, MML-0181H, MML-0241H

Part No. 4316V047

MCC-1256

MML-0091BH, MML-0181BH, MML-0241BH

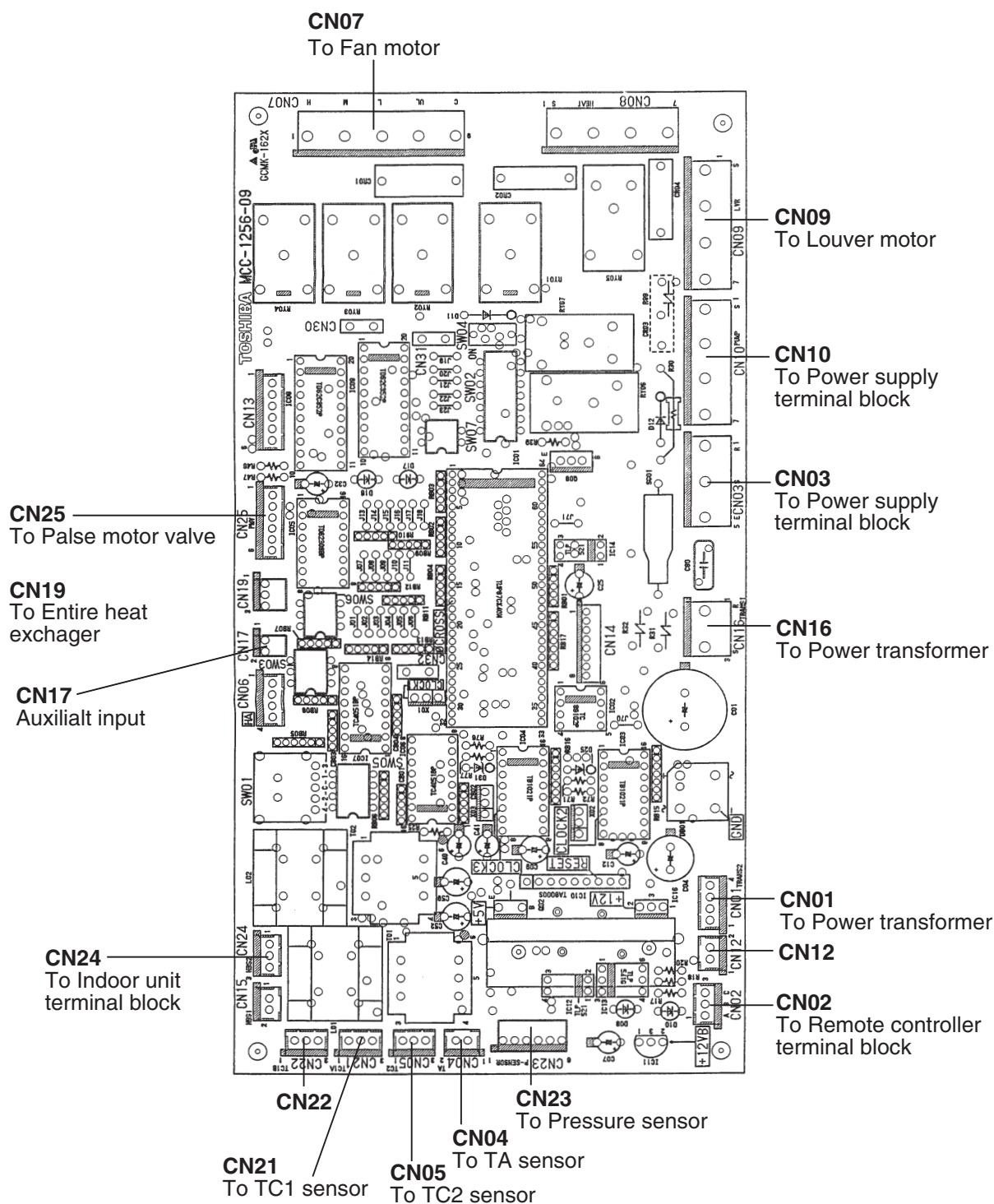
Part No. 4316V047



MCC-1256

Part No. 4316V047

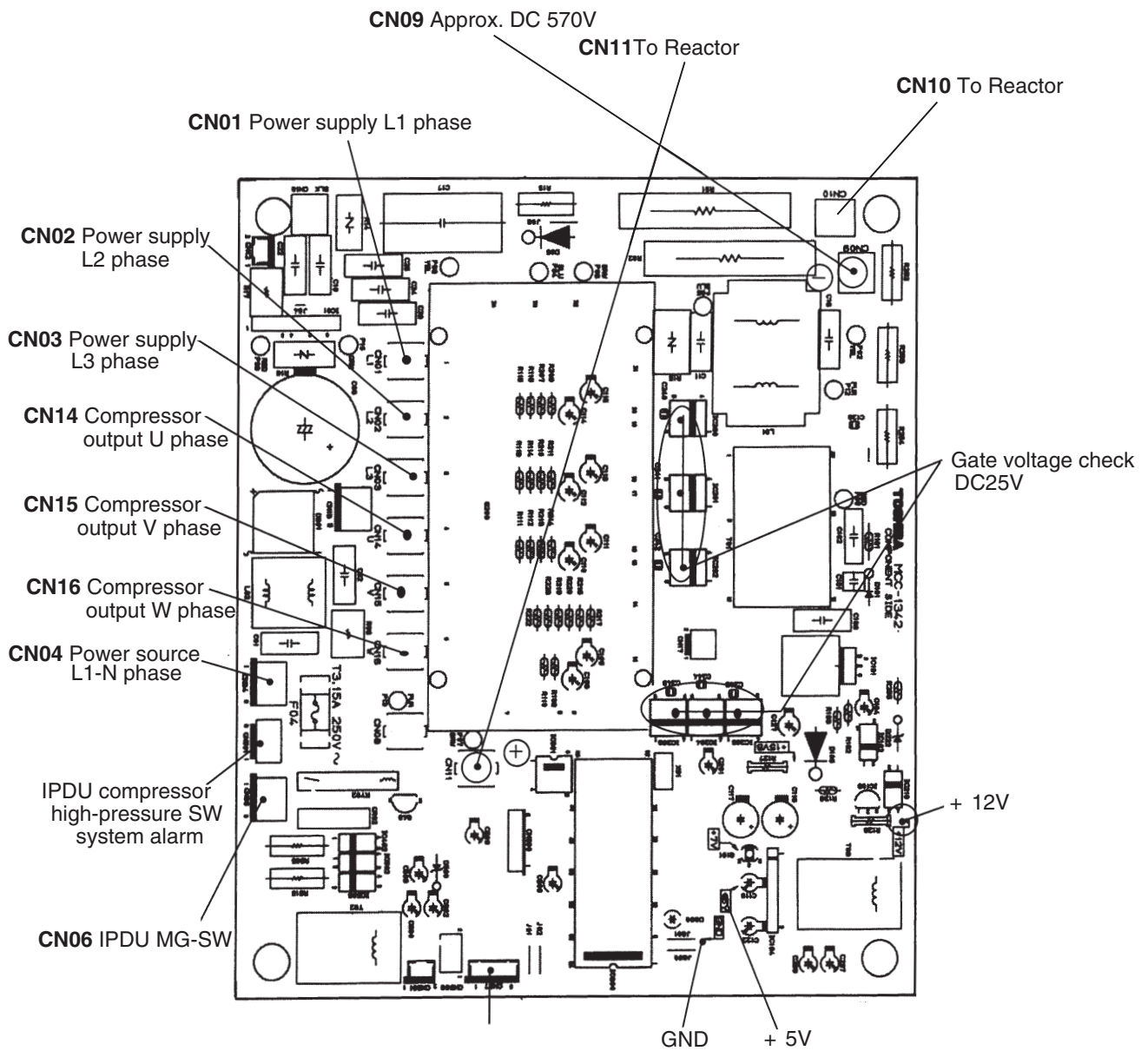
MMC-0181H, MMC-0241H, MMC-0361H, MMC-0481H



MCC-1342

Part No. 4316V098

MMY-M0801, MMY-M1001, MMY-MP0801T8, MMY-MP1001T8, MMY-MP0801HT7,
MMY-MP1001HT7, MMY-MP0801HT8, MMY-MP1001HT8,



CN501 Pin1,3 To Inverter high pressure SW

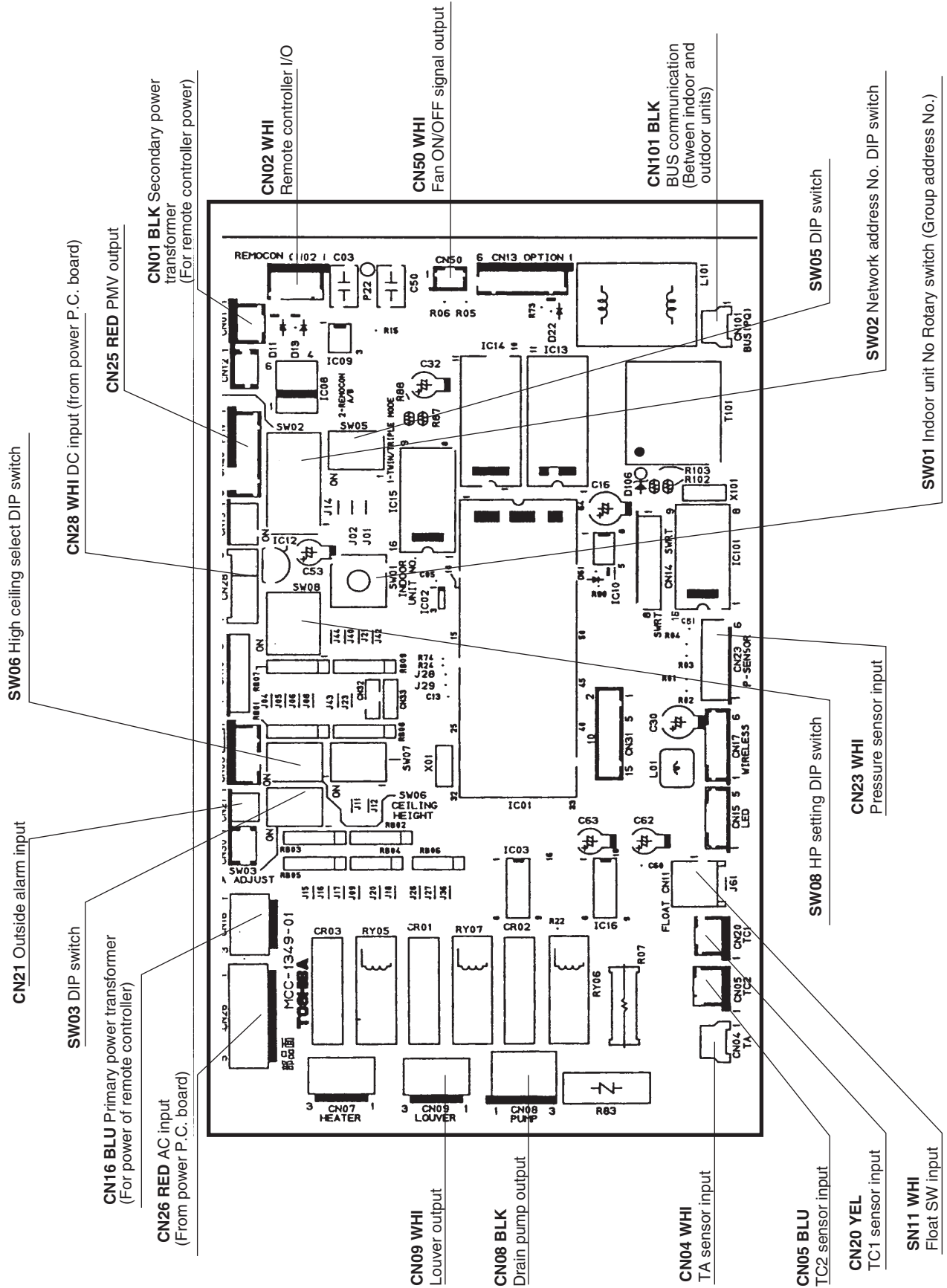
CN07 Pin1 to 5 To MCC-1343 CN600

CN08 To Reactor

MCC-1349

Part No. 4316V095

MMU-0121H, MMU-0151H, MMU-0181H, MMU-0241H, MMU-0301H, MMU-0361H, MMU-0481H



MCC-1350

Part No. 4316V096

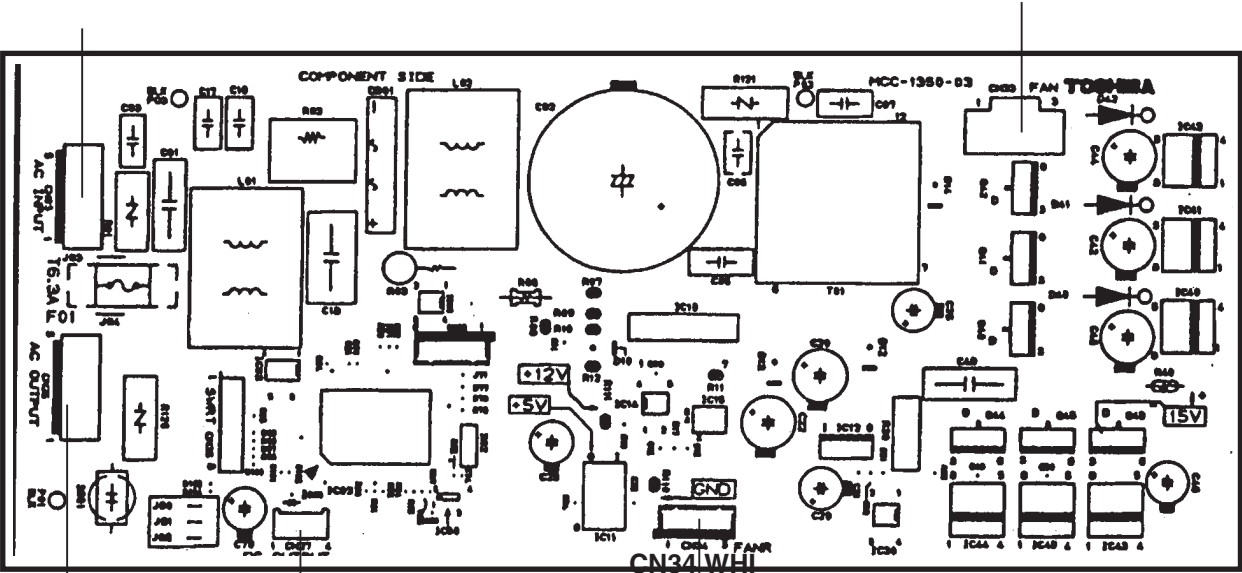
MMU-0121H, MMU-0151H, MMU-0181H, MMU-0241H, MMU-0301H, MMU-0361H, MMU-0481H

CN03 WHI

Power input
To Power input
terminal blk

CN33 WHI

Fan output



CN25 RED
AC output To
MCC-1349 CN26

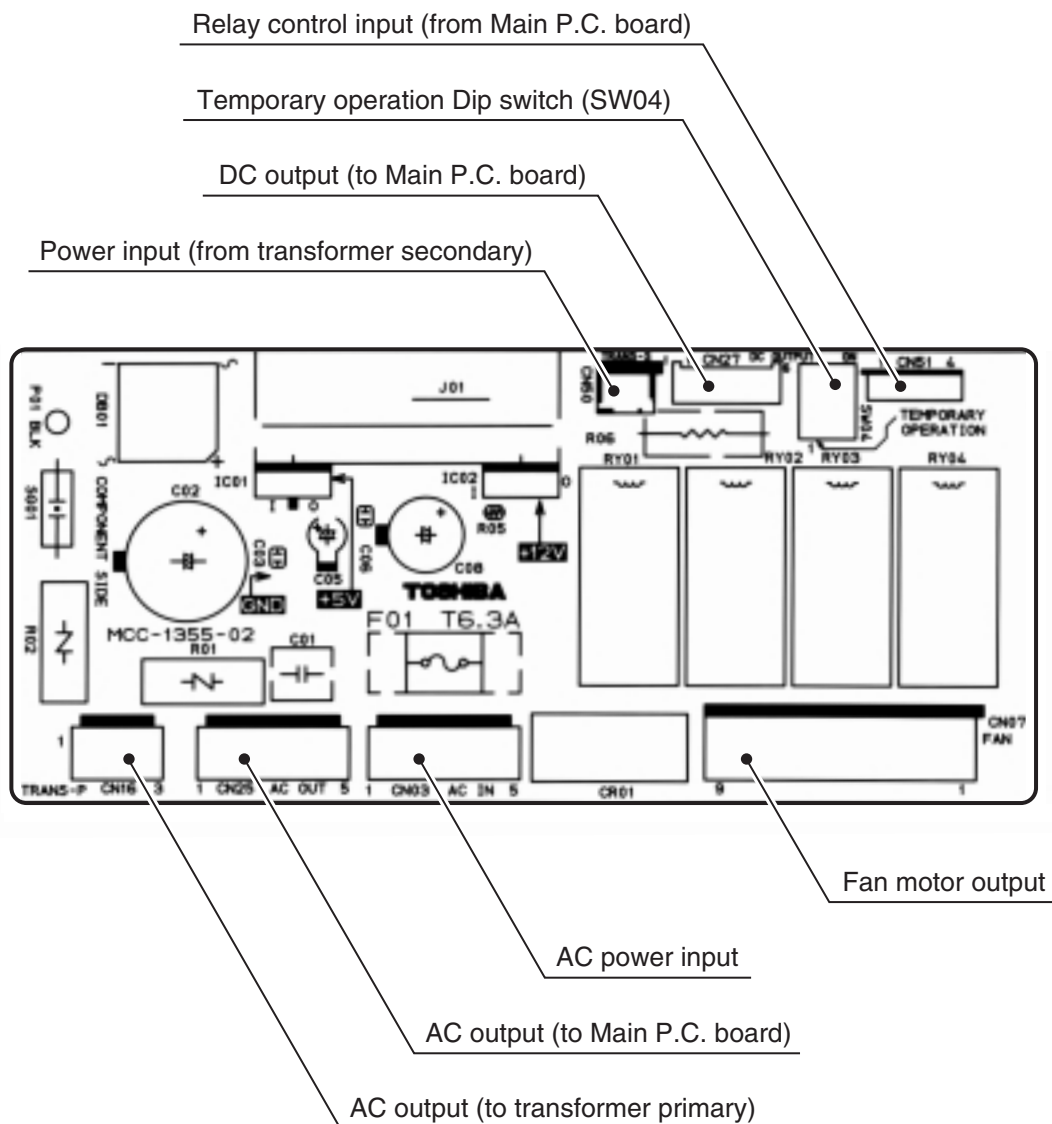
CN27 WHI
DC output To
MCC-1349 CN28

CN34 WHI
Motor position
detect input

MCC-1355

Part No. 4316V162

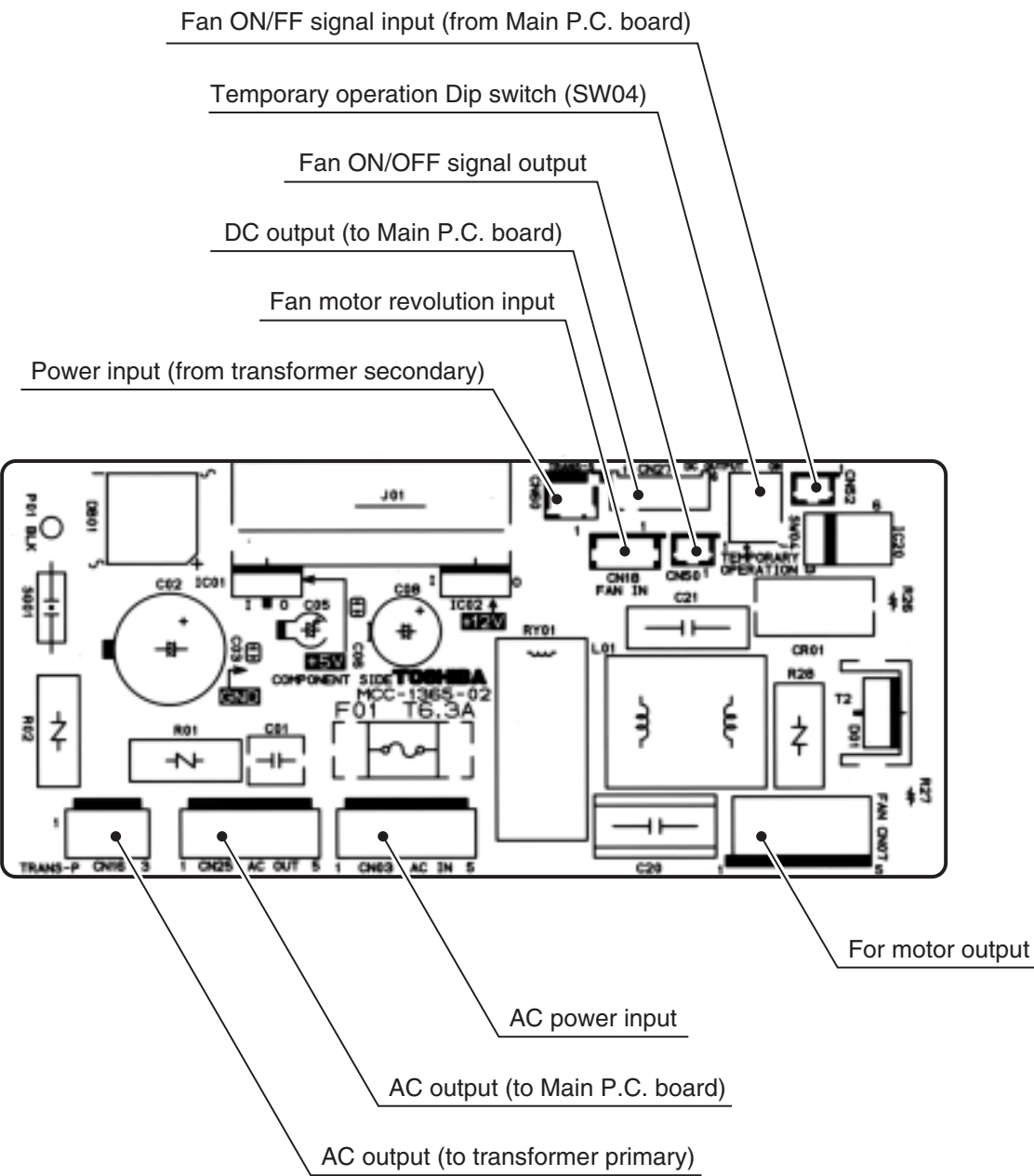
MMU-P0091SH, MMU-P0121SH, MMU-P0151SH, MMU-P0181SH, MMU-P0241SH
MMD-P0071BH, MMD-P0091BH, MMD-P0121BH, MMD-P0151BH, MMD-P0181BH,
MMD-P0241BH, MMD-P0301BH, MMD-P0361BH, MMD-P0481BH
MMD-P0181H, MMD-P0241H, MMD-P0361H, MMD-P0481H, MMD-P0721H, MMD-P0961H
MMC-P0151H, MMC-P0181H, MMC-P0241H, MMC-P0361H, MMC-P0481H



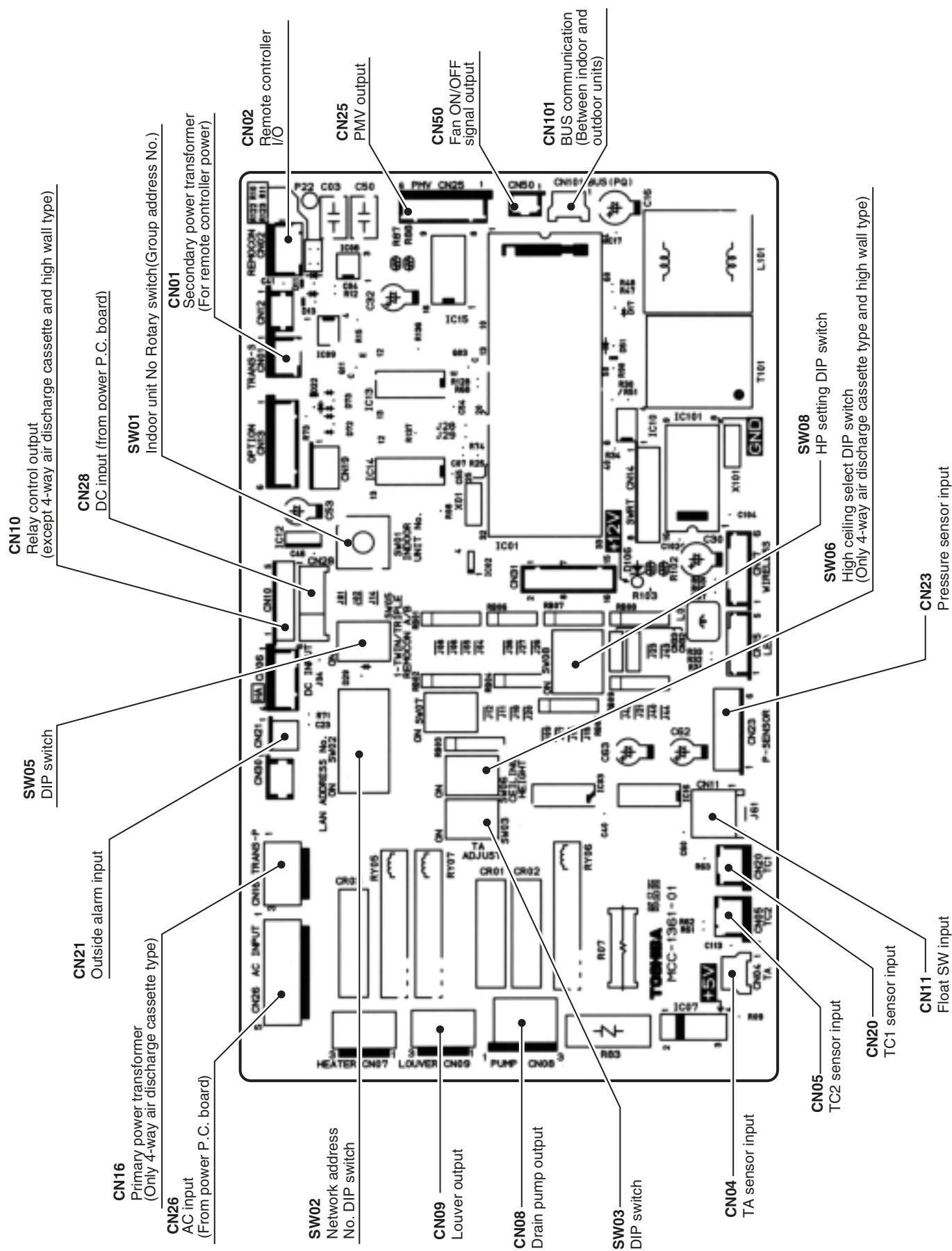
MCC-1365

Part No. 4316V163

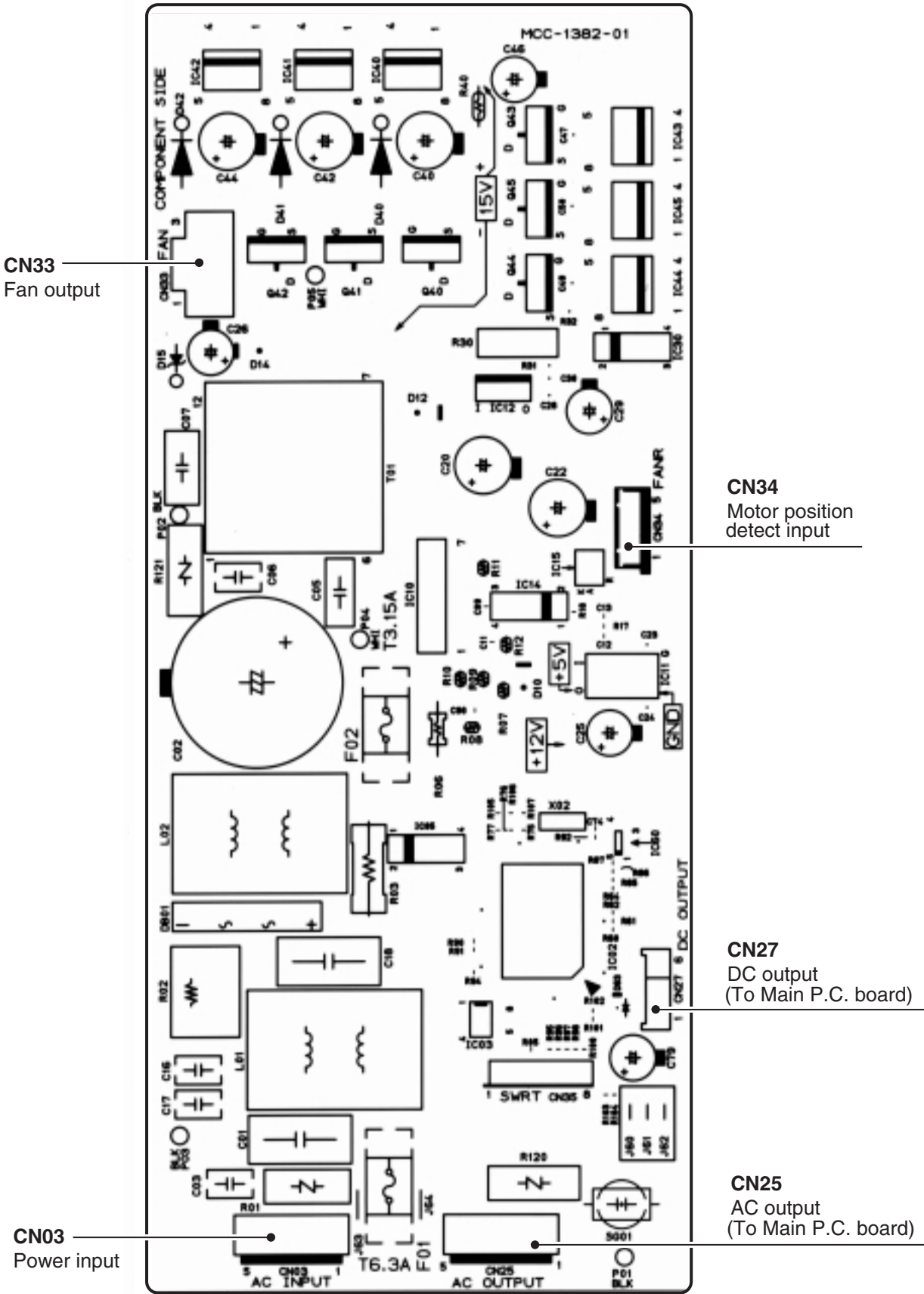
MMK-P0091H, MMK-P0121H, MMK-P0151H, MMK-P0181H, MMK-P0241H, MMK-P030H
MMU-P0071WH, MMU-P0091WH, MMU-P0121WH, MMU-P0301WH,
MMU-P0361WH, MMU-P0481WH

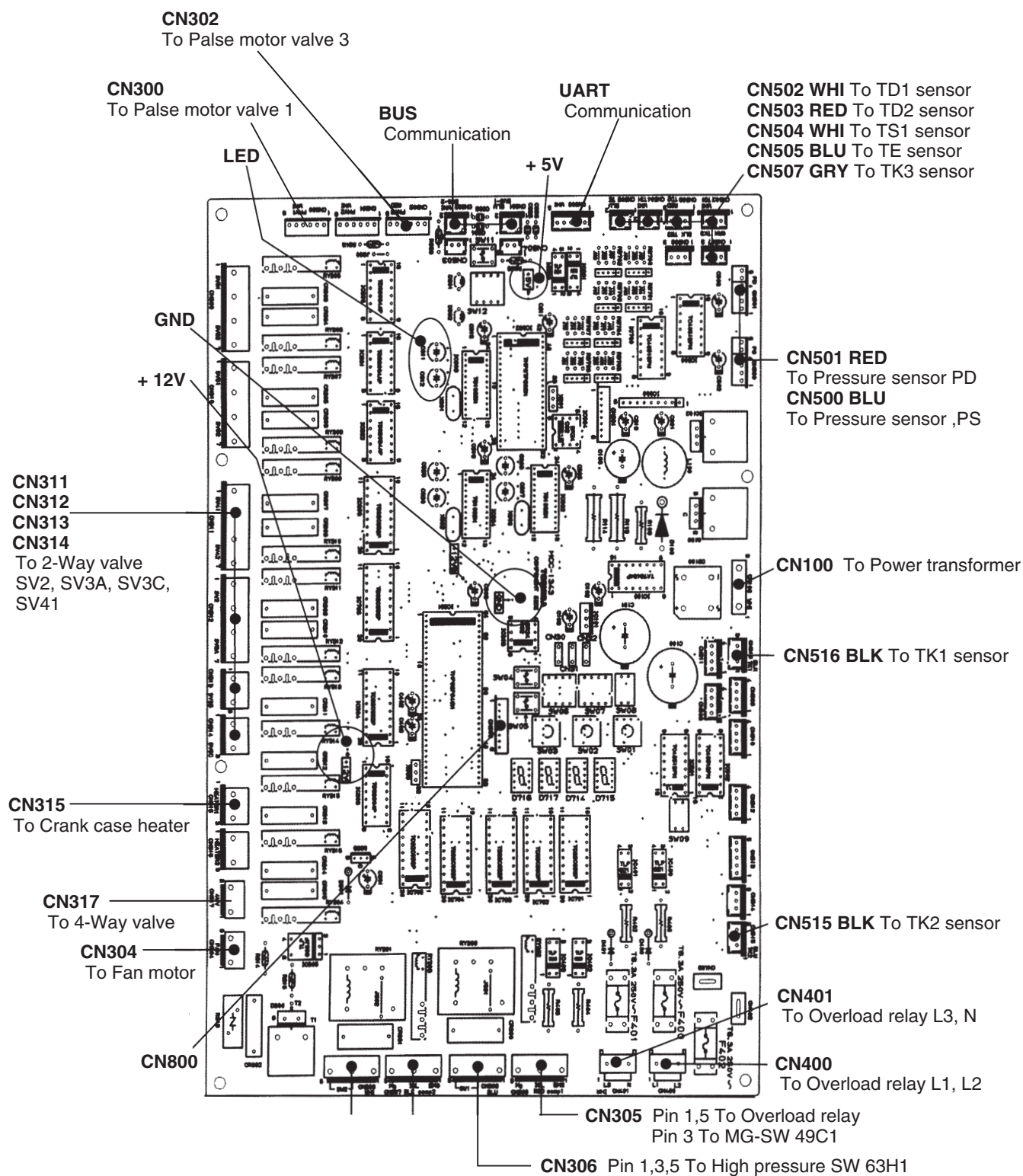


MMU-P0121H, MMU-P0151H, MMU-P0181H, MMU-P0241H, MMU-P0301H,
MMU-P0361H, MMU-P0481H



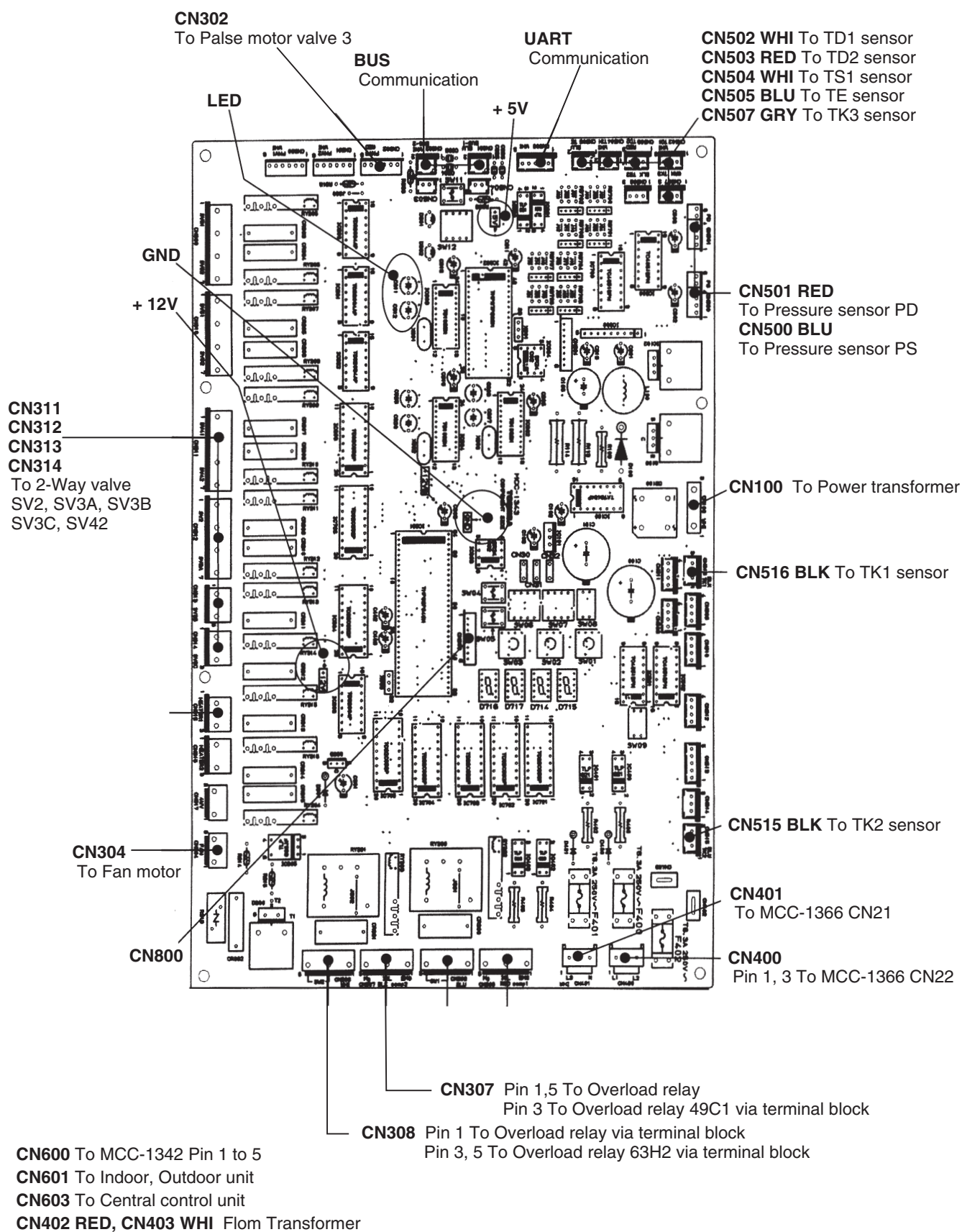
MMU-P0121H, MMU-P0151H, MMU-P0181H, MMU-P0241H, MMU-P0301H, MMU-P0361H, MMU-P0481H

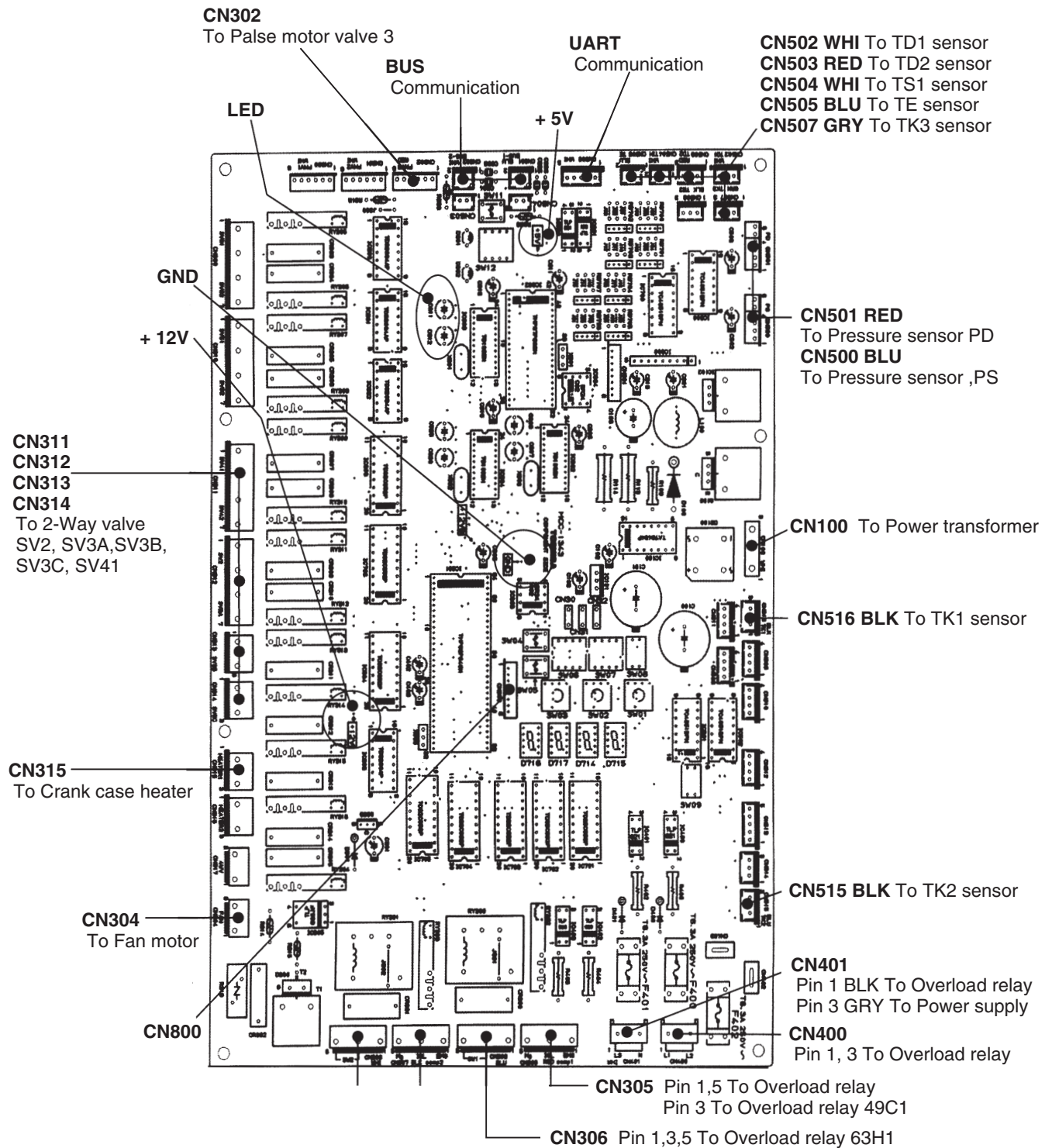




CN600 To Outdoor unit

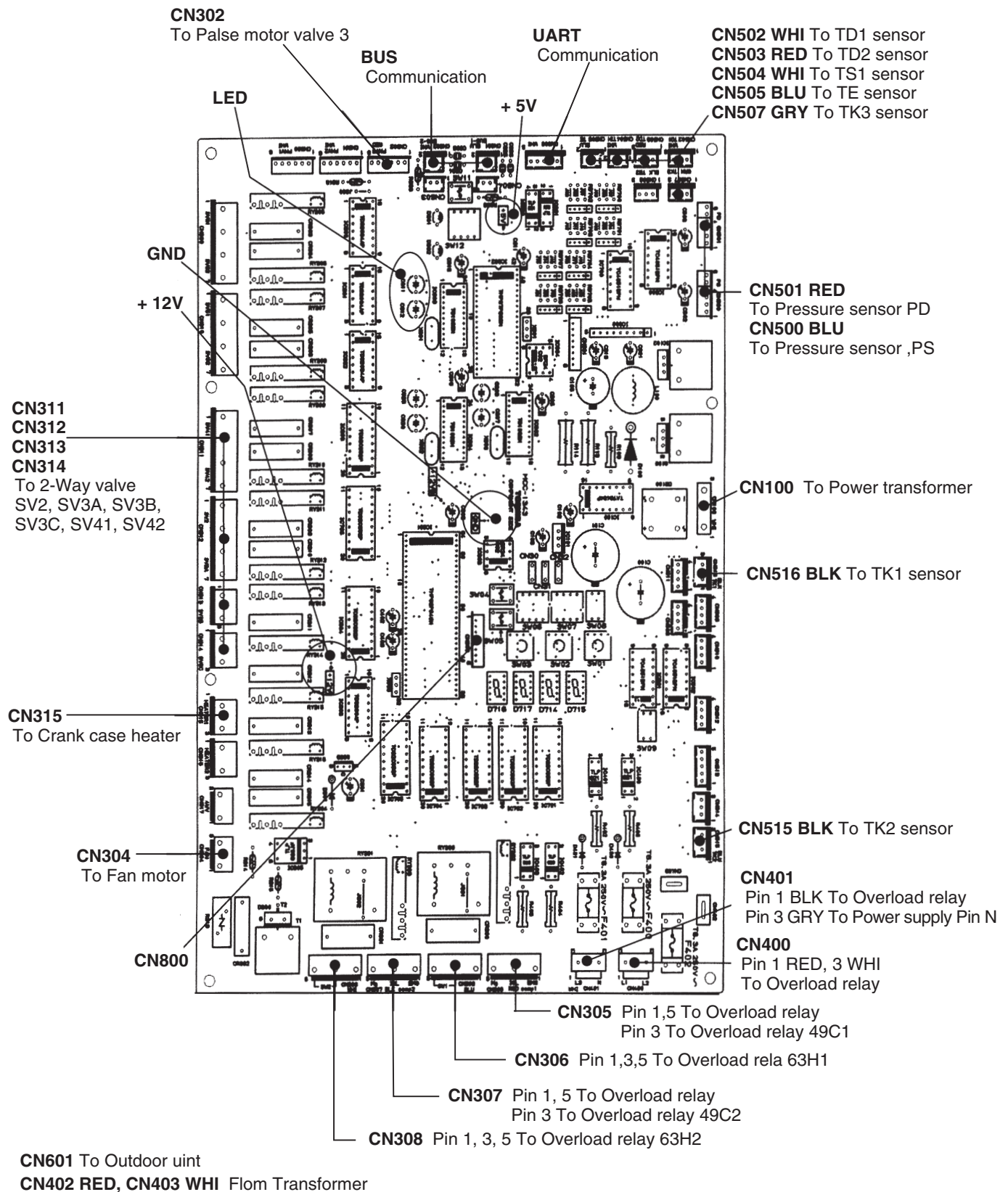
CN402 RED, CN403 WHI Flom Transformer



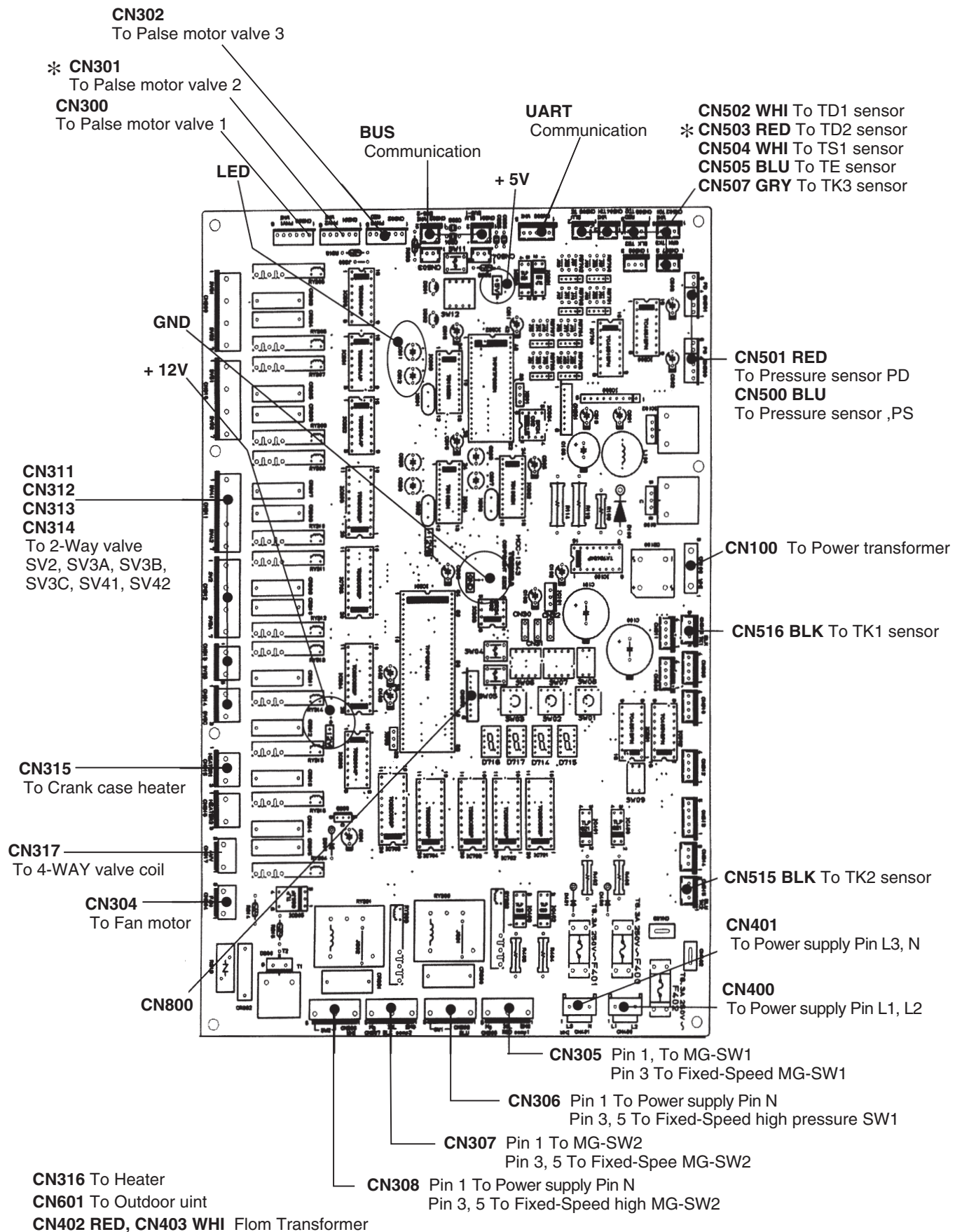


CN600 To Outdoor unit

CN402 RED, CN403 WHI Flom Transformer

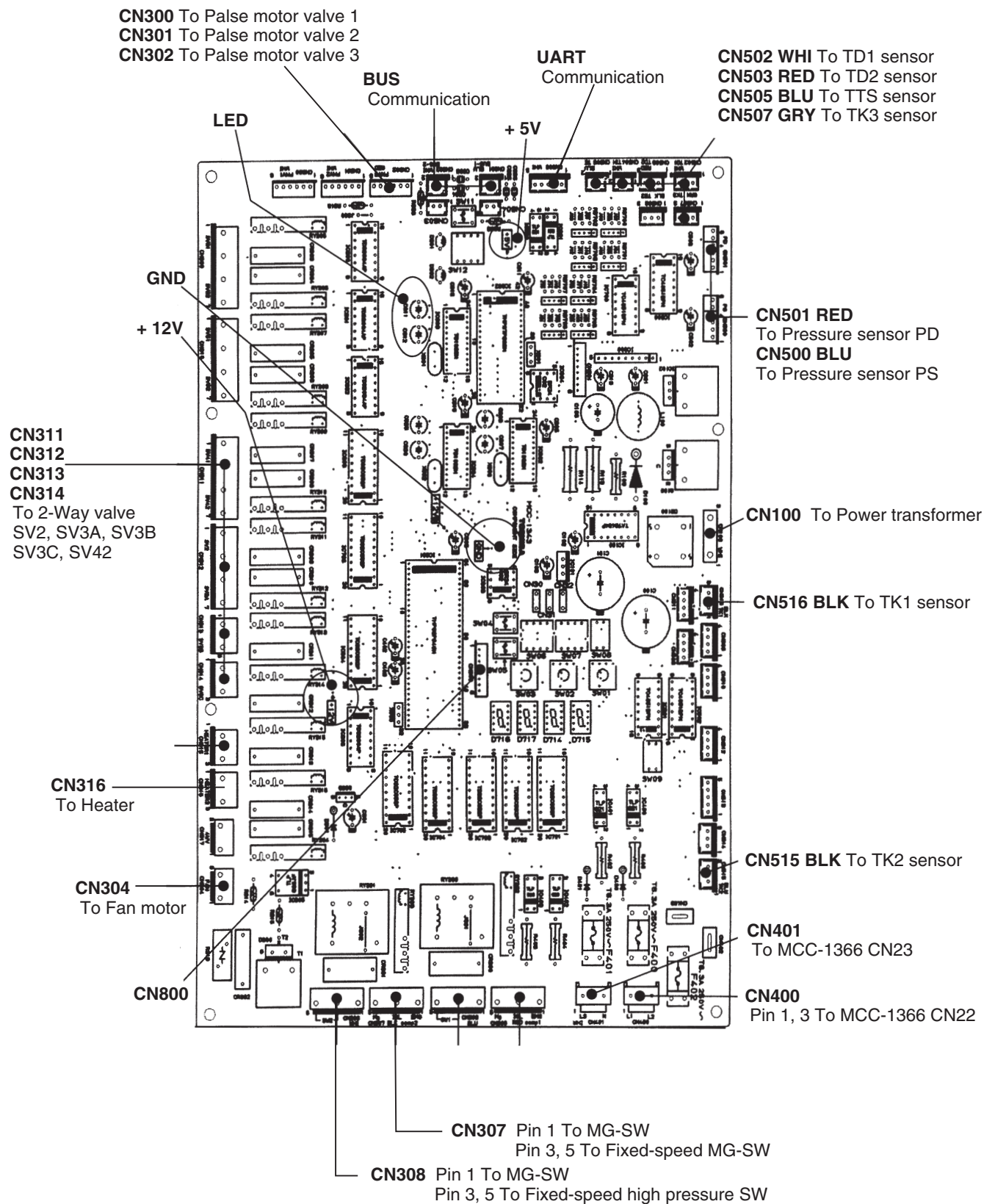


MMY-MP0601H8, MMY-MP0801H8, MMY-MP1001H8
MMY-MP0601H7, MMY-MP0801H7, MMY-MP1001H7

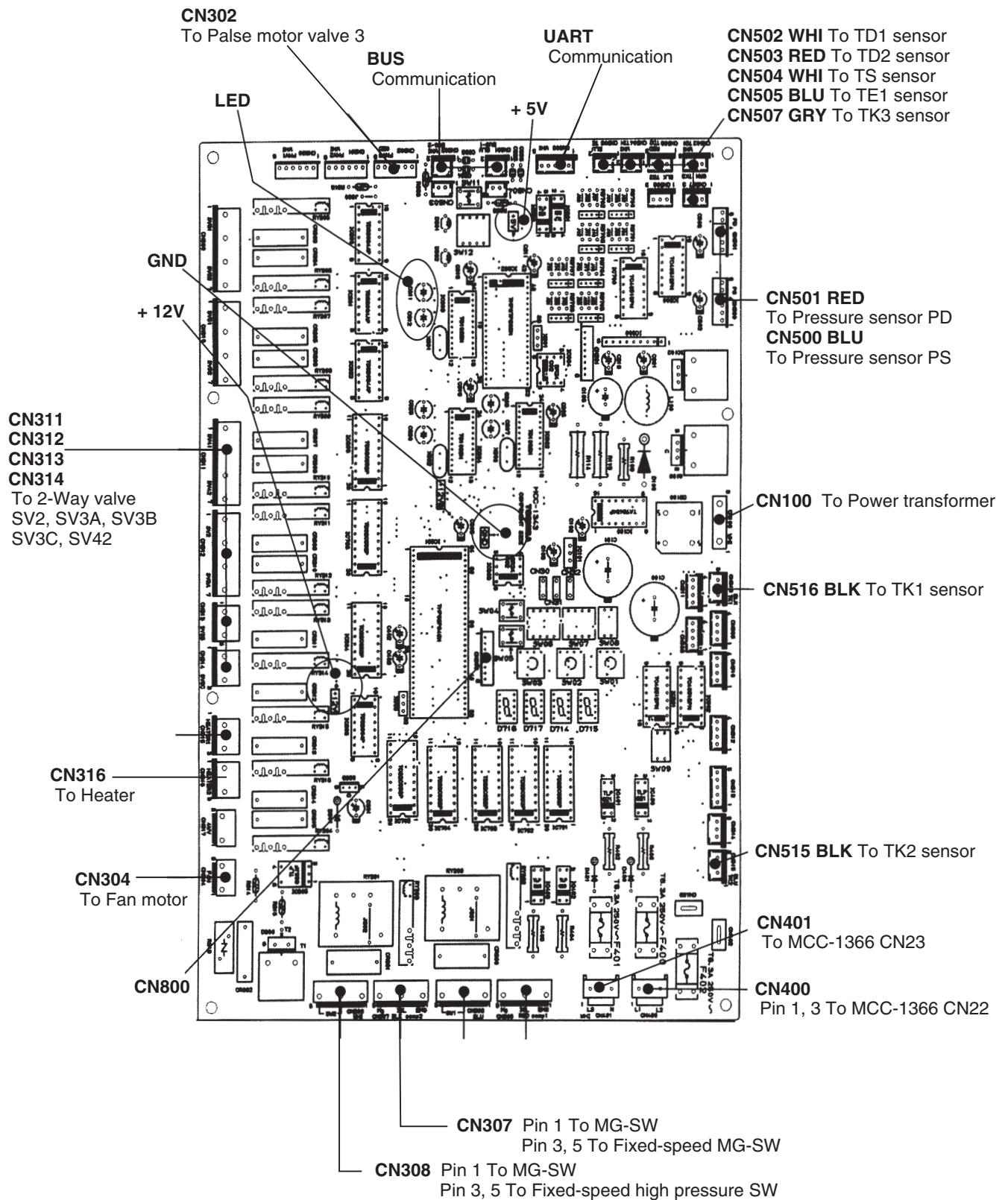
**Note:**

* **CN301, CN503 MP0601H8, MP0601H7** Not use

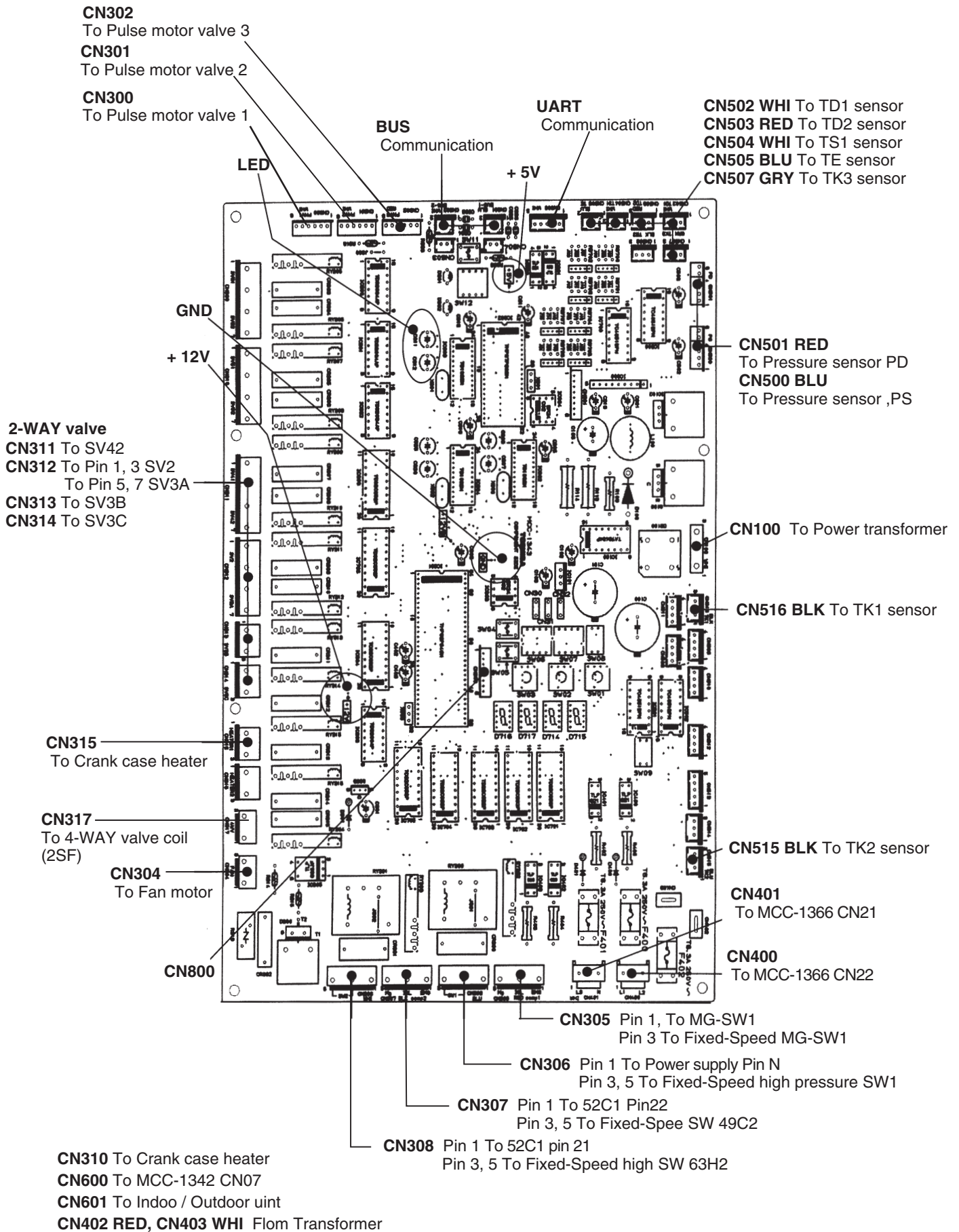
MMY-MP0801HT7, MMY-MP1001HT7, MMY-MP0801HT8, MMY-MP1001HT8

**CN600** To MCC-1342 Pin 1 to 5**CN601** To Indoor, Outdoor unit terminal block Pin P, Q**CN602** To Central control unit terminal block Pin X, Y**CN402 RED, CN403 WHI** Flom Transformer

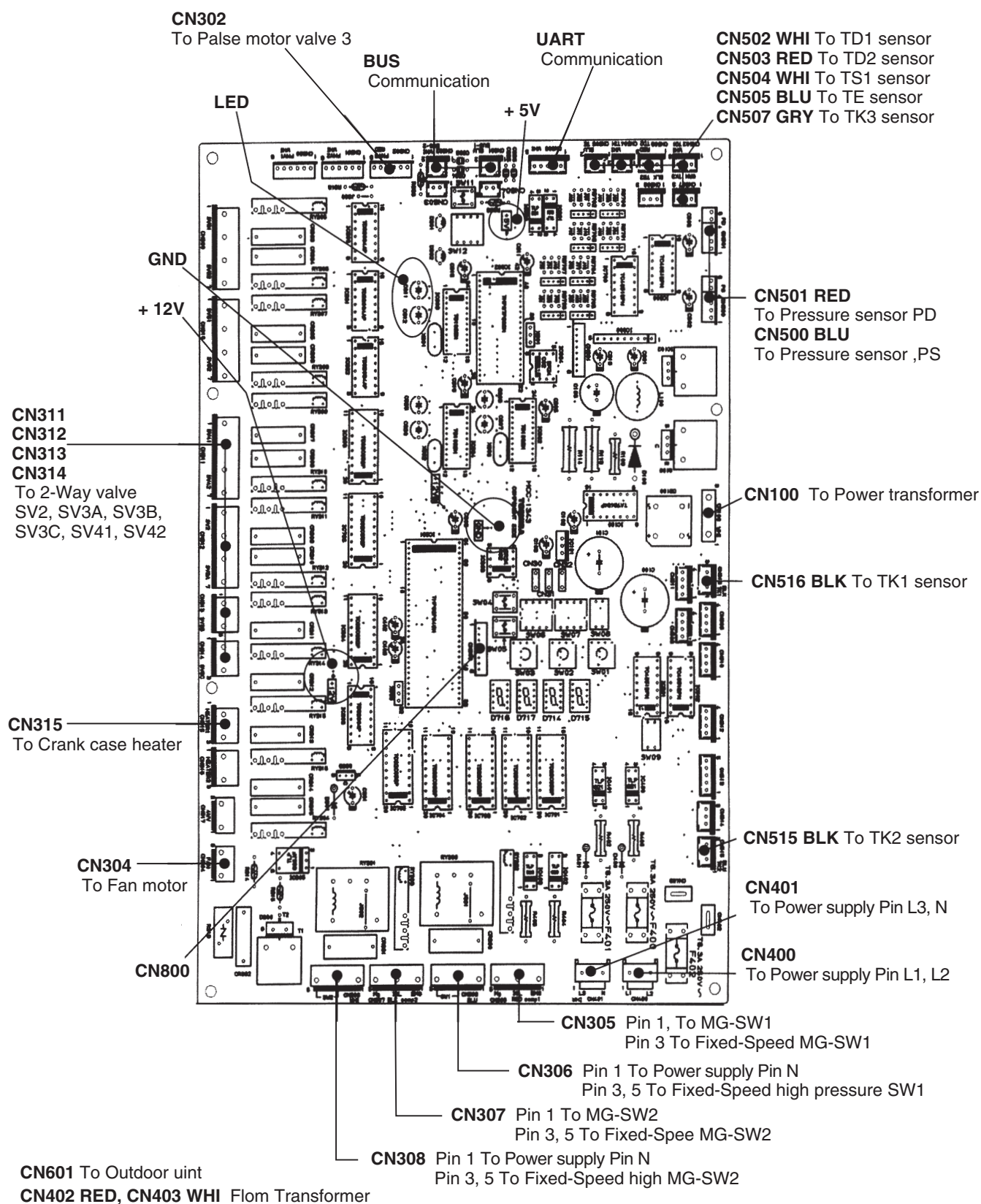
MMY-MP0801T8, MMY-MP1001T8



MMY-MP06018, MMY-MP08018, MMY-M10018

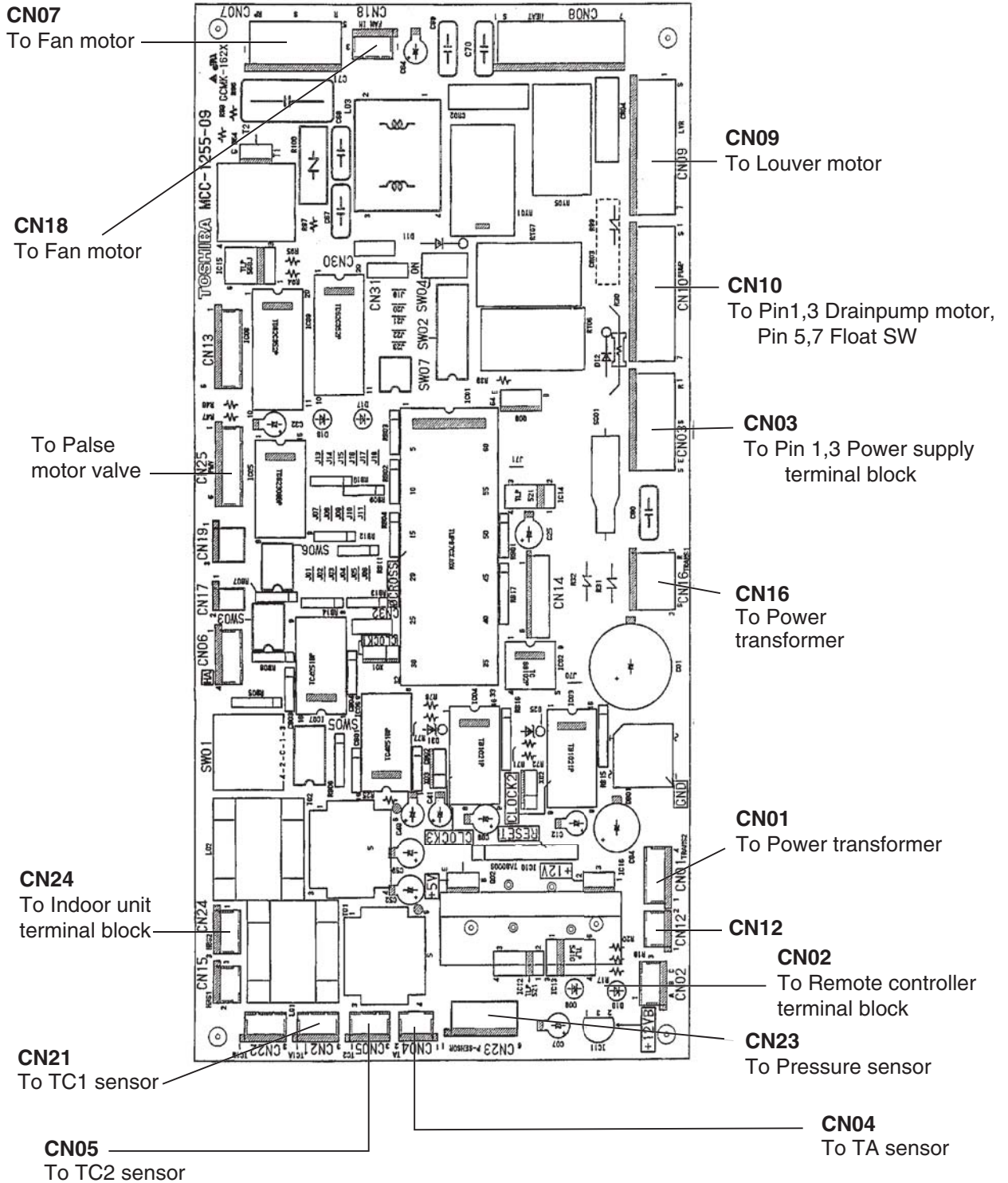


MMY-MP06018, MMY-MP08018, MMY-M10018

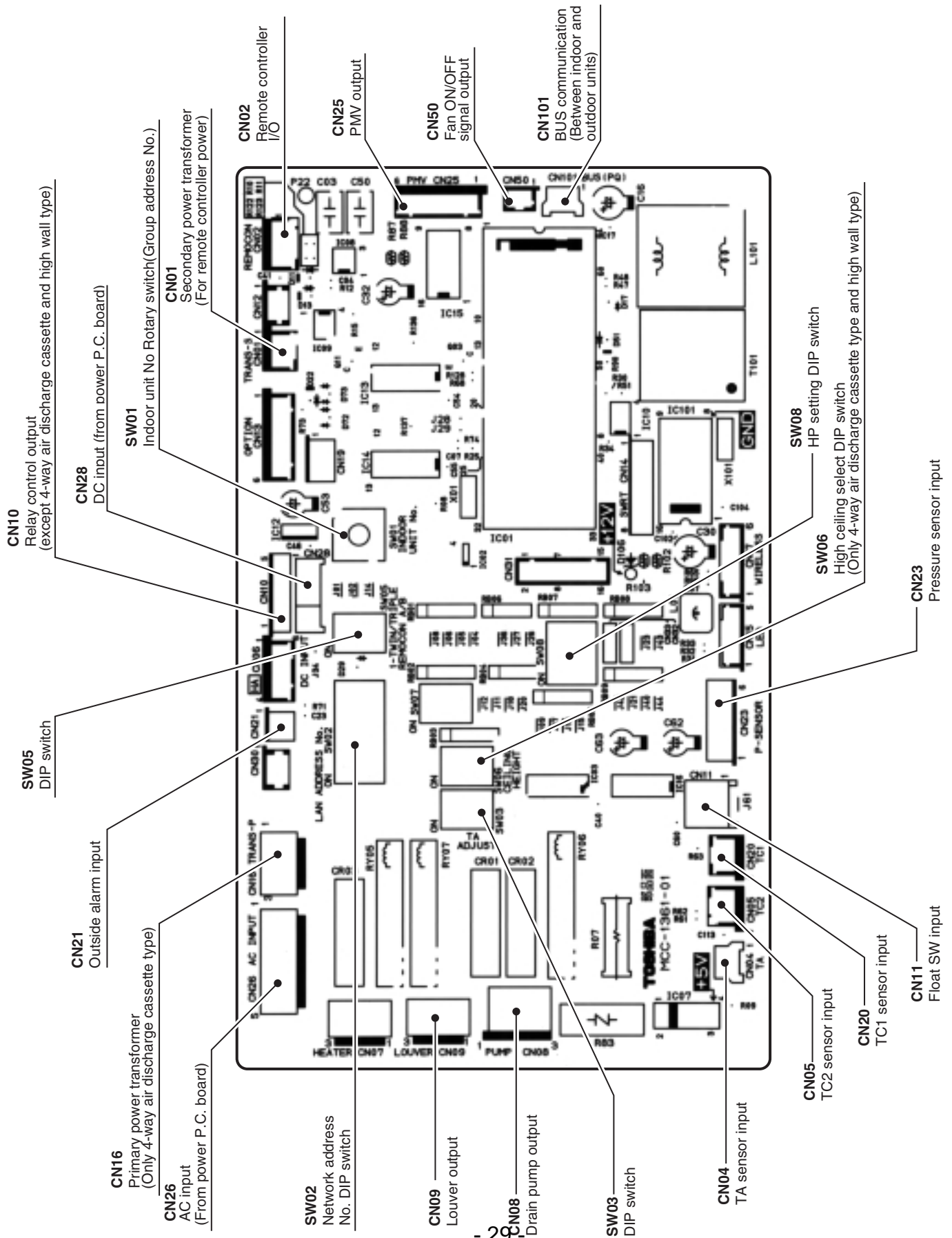


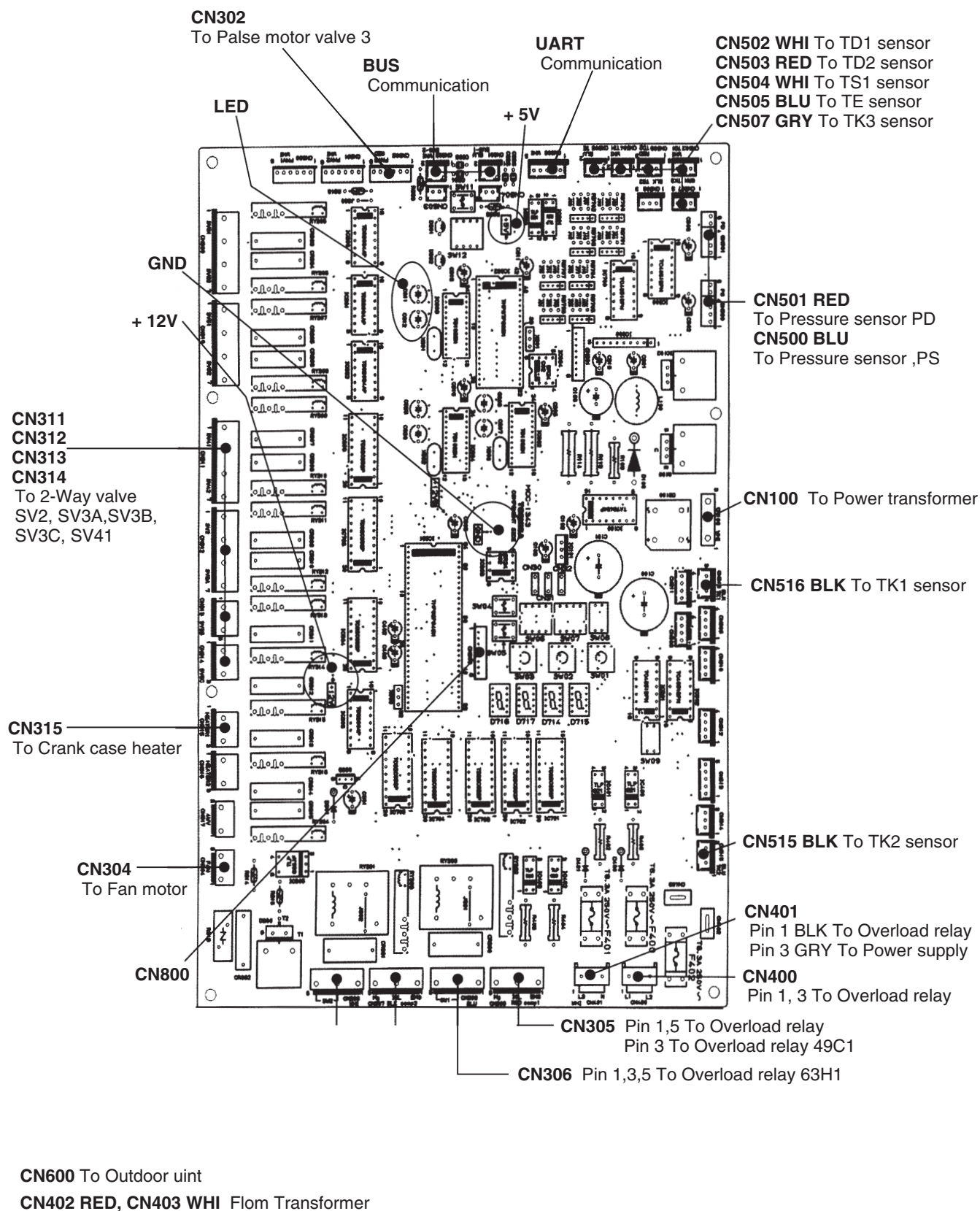
MMK-0091H, MMK-0121H, MMK-0181H, MMK-0241H

MMK-0091HIR, MMK-0121HIR, MMK-0151HIR, MMK-0181HIR, MMK-0241HIR

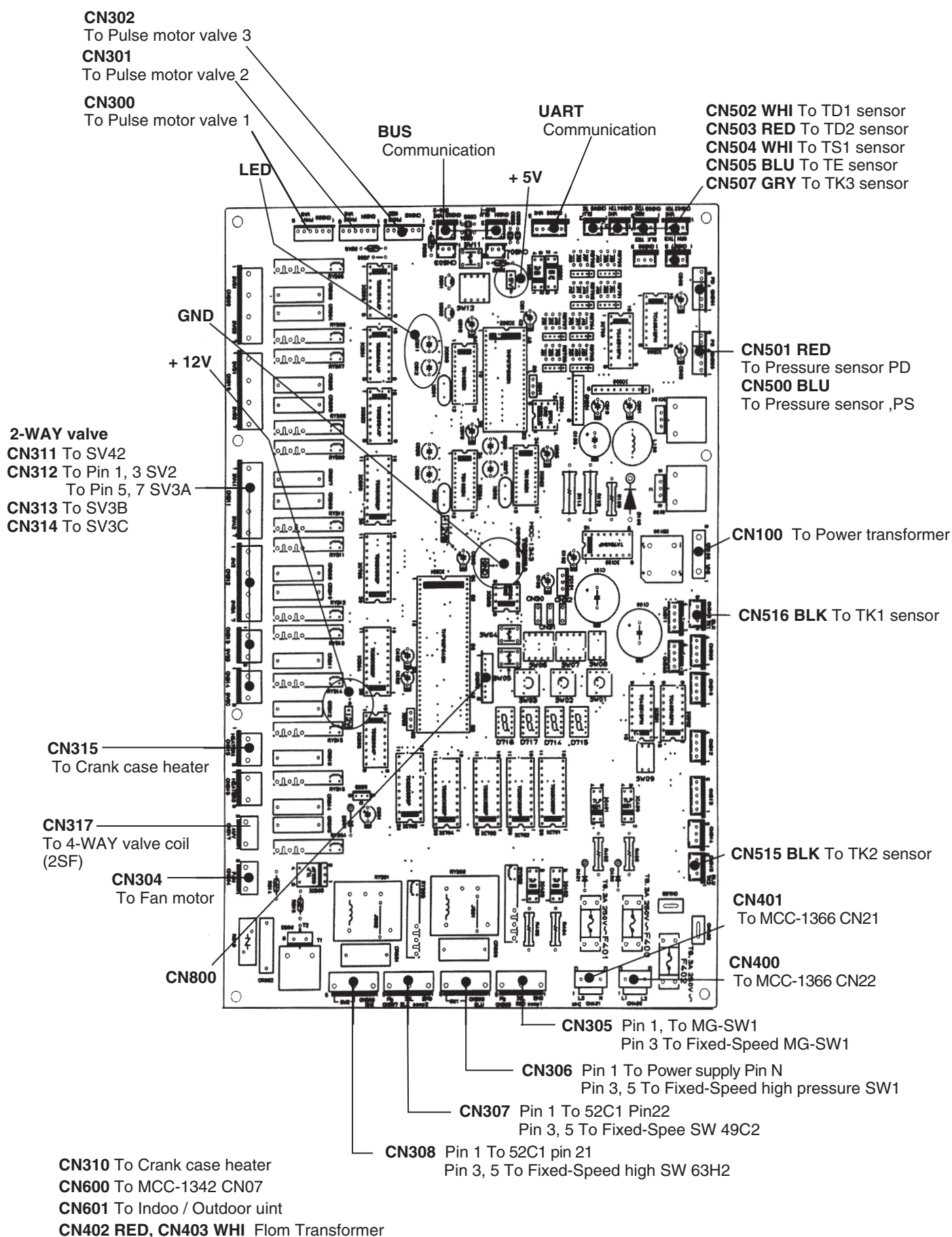


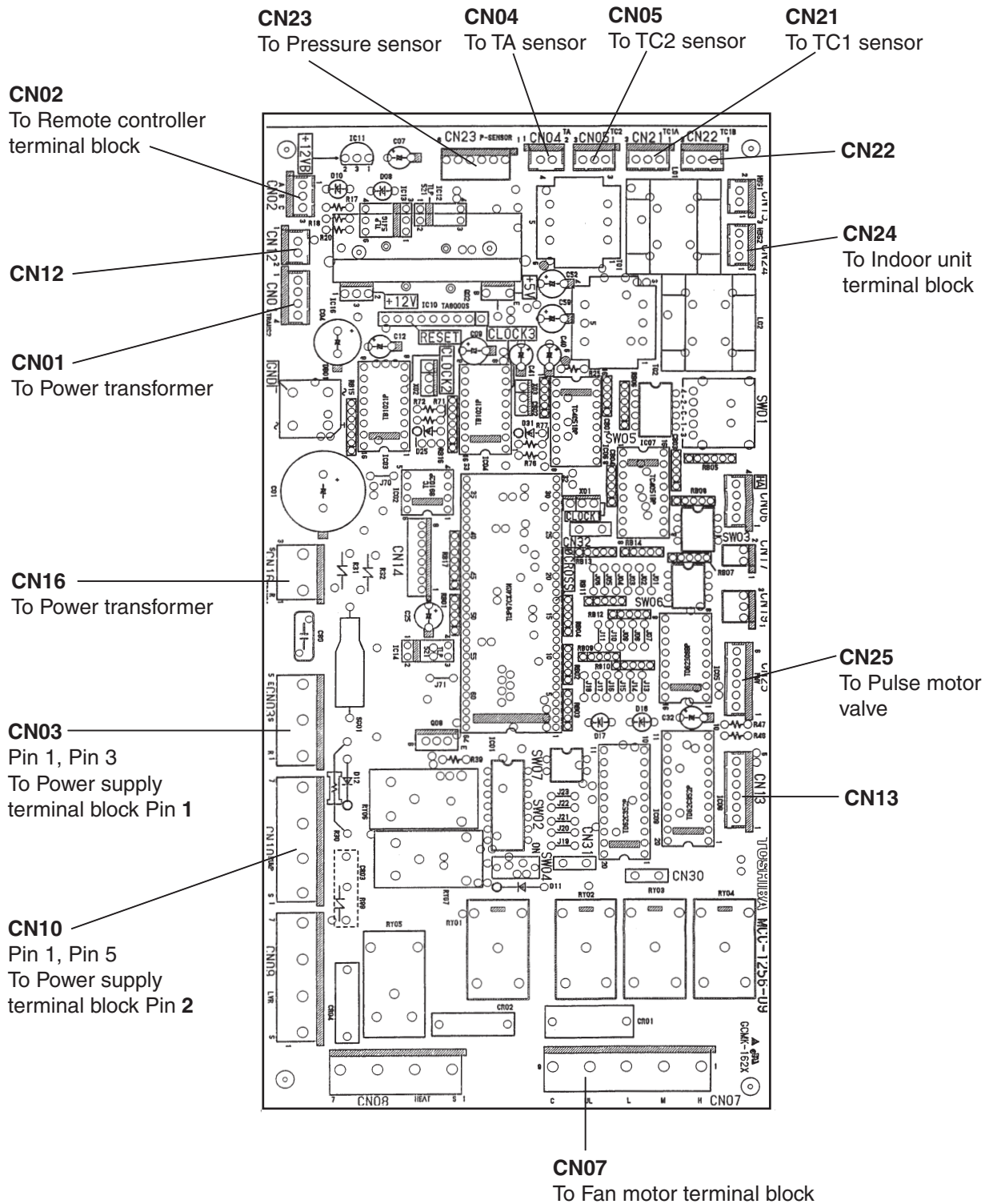
MMU-P0091SH, MMU-P0121SH, MMU-P0151SH, MMU-P0181SH, MMU-P0241SH
 MMU-P0071BH, MMU-P0091BH, MMU-P0121BH, MMU-P0181BH, MMU-P0241BH,
 MMU-P0301BH, MMU-P0361BH, MMU-P0481BH
 MMC-P0151H, MMC-P0181H, MMC-P0241H, MMC-P0361H, MMC-P0481H
 MMD-P0181H, MMD-P0241H, MMD-P0361H, MMD-P0481H



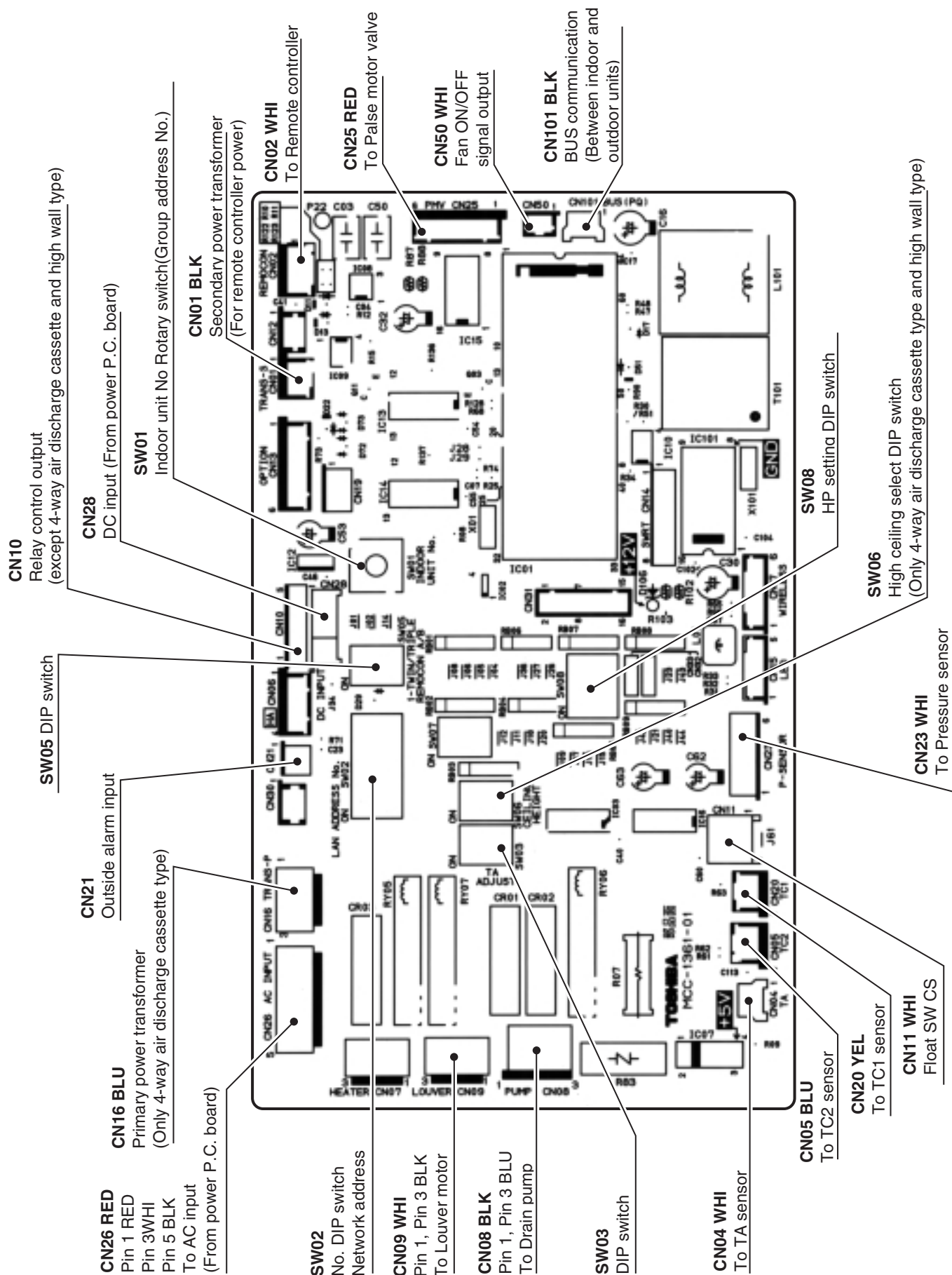


MMY-M0801T8, MMY-M1001T8

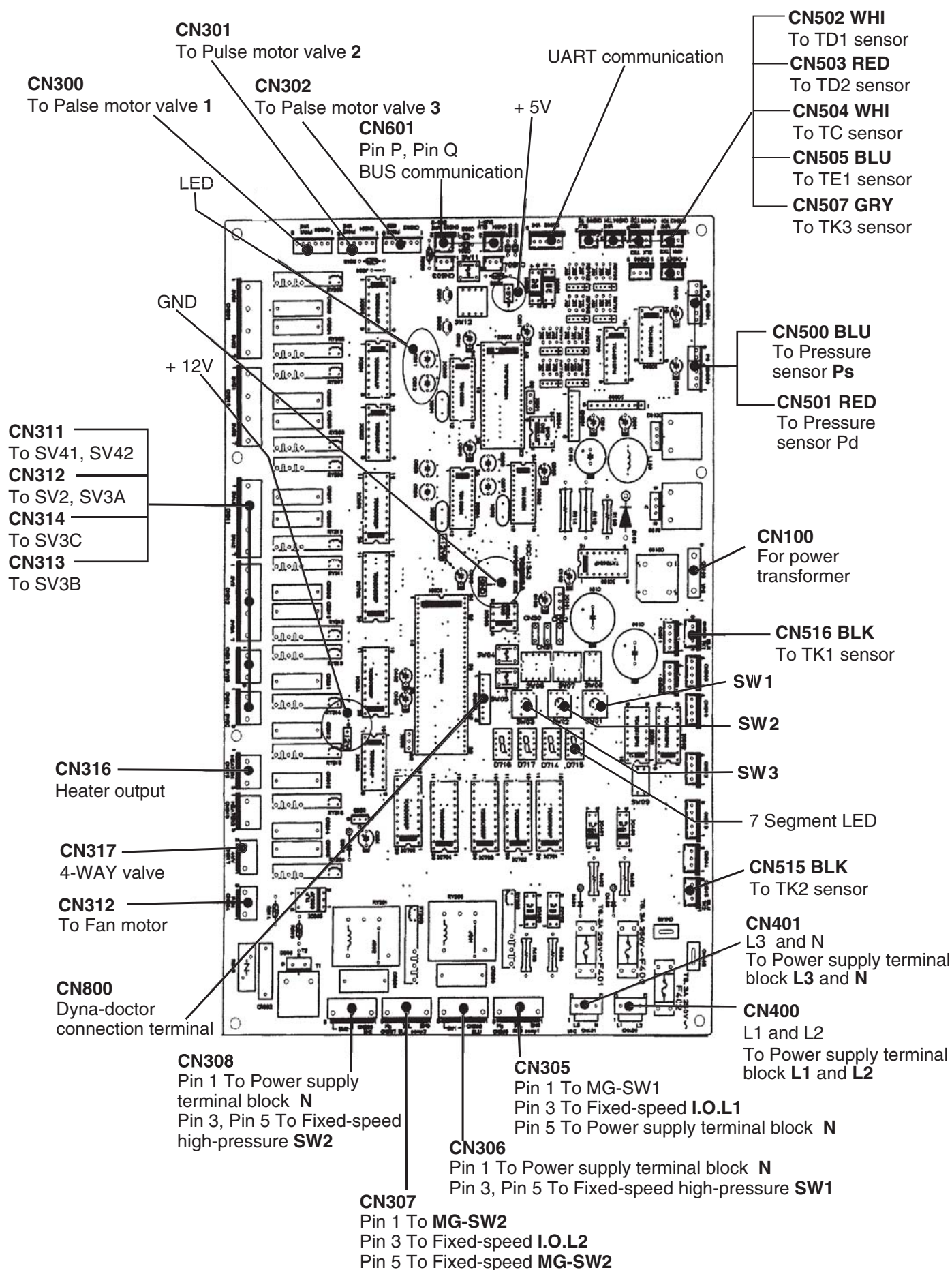




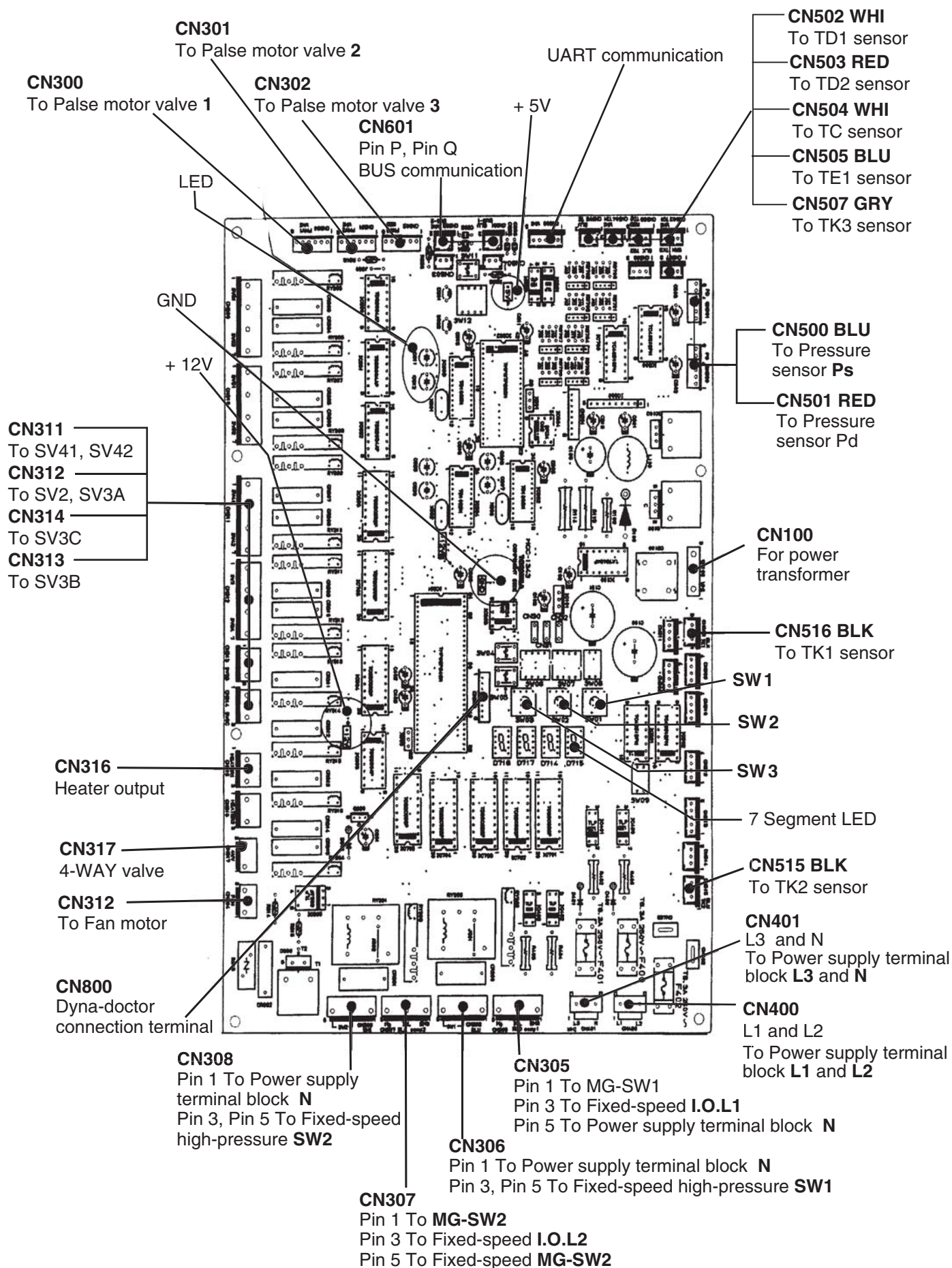
MMU-P0121H, MMU-P0151H, MMU-P0181H, MMU-P0241H, MMU-P0301H, MMU-P0361H,
MMU-P0481H



MMY-M0601HT8-1, MMY-M0801HT8-1, MMY-M1001HT8-1



MMY-M0801HT8-1, MMY-M1001HT8-1

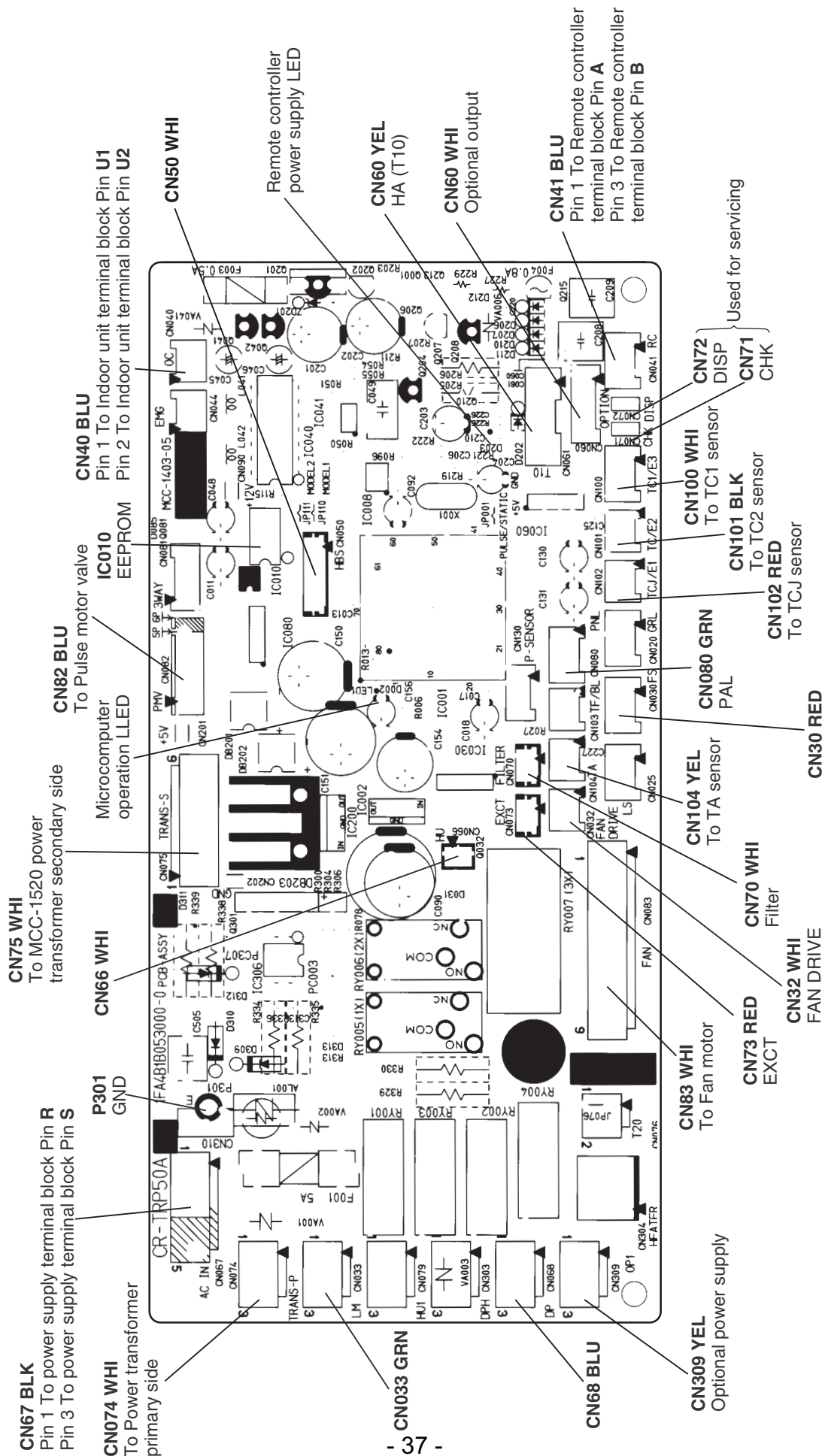


MCY-MAP0401HT-C, MCY-MAP0501HT-C, MCY-MAP0601HT-C

CN22 BLU
To MCC-1531 CN804
Between fan IPDU
and comp IPDU



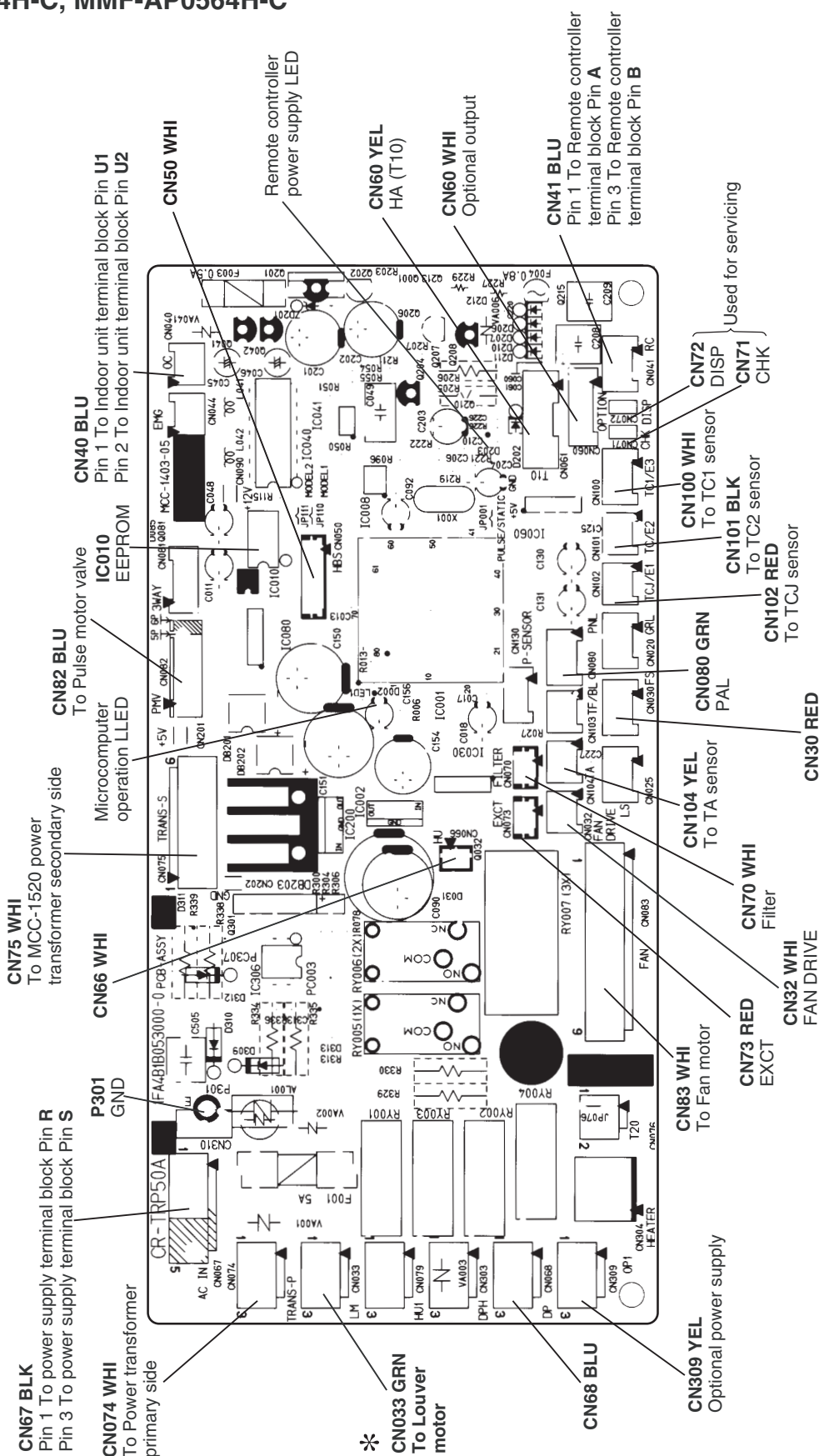
MML-AP0074H-C, MML-AP0094H-C, MML-AP0124H-C, MML-AP0154H-C, MML-AP0184H-C,
MML-AP0244H-C



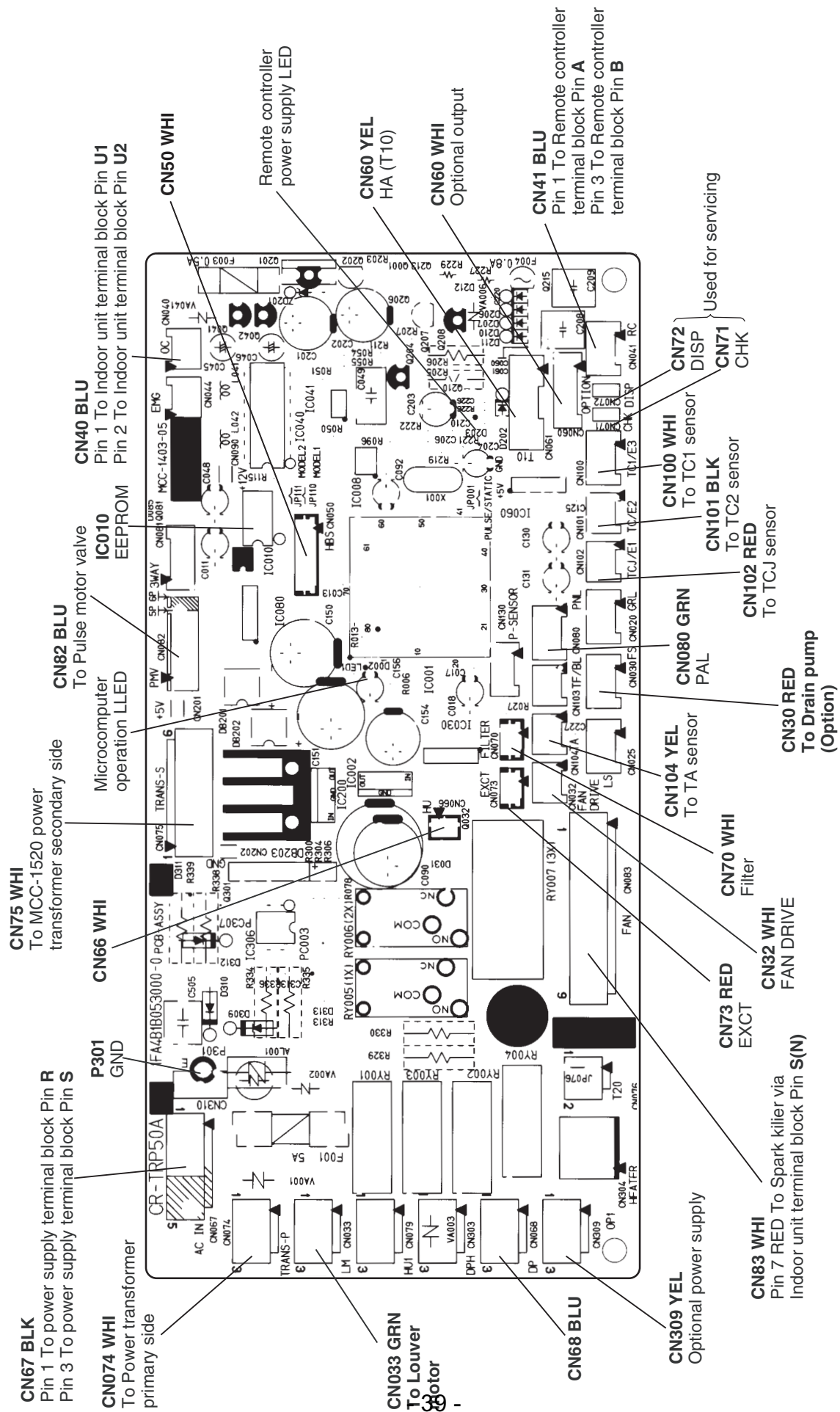
MMU-AP0074YH-C, MMU-AP0094YH-C, MMU-AP0124YH-C

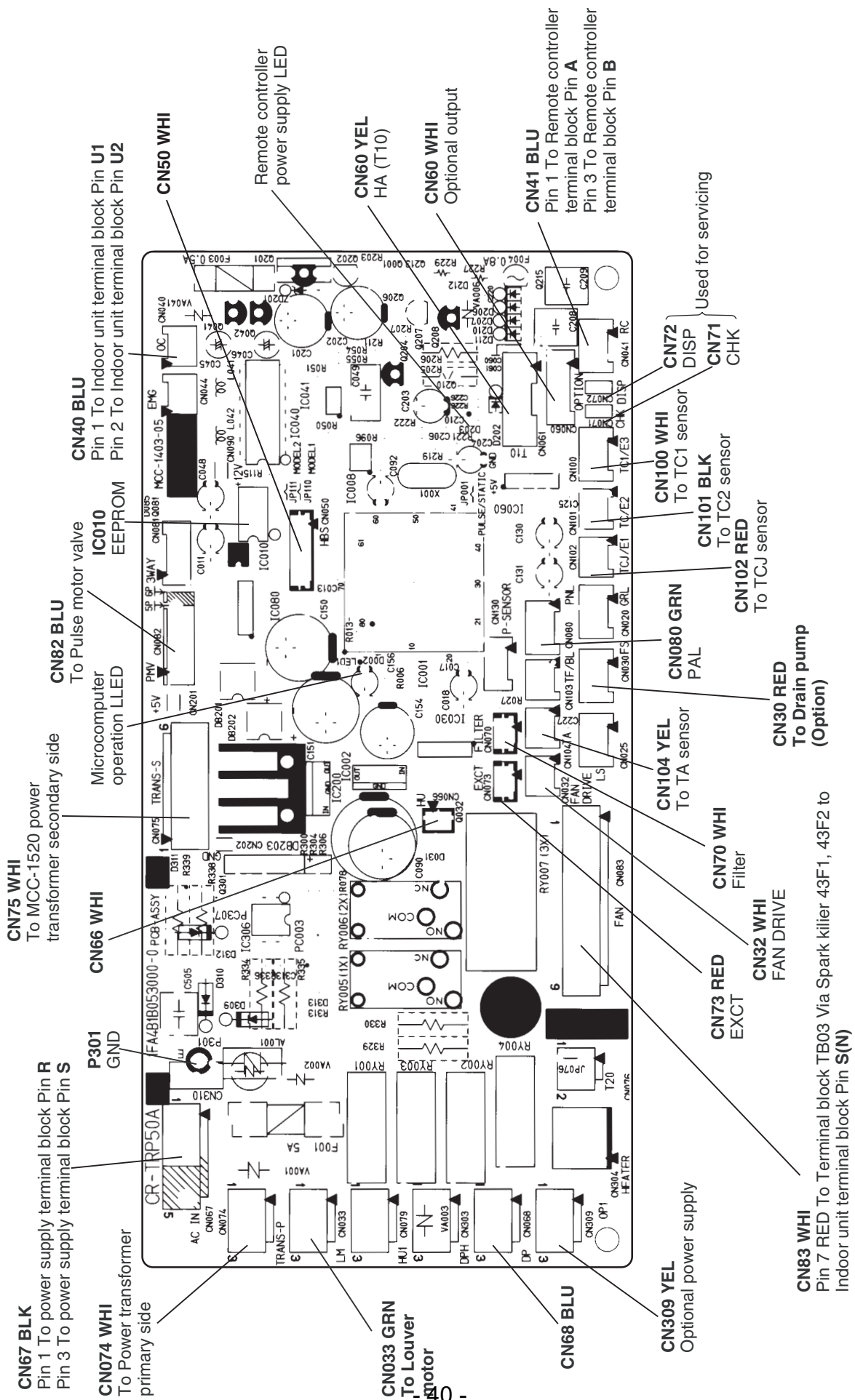
**MML-AP0074BH-C, MML-AP0094BH-C, MML-AP0124BH-C, MML-AP0154BH-C,
MML-AP0184BH-C, MML-AP0244BH-C**

MMF-AP0154H-C, MMF-AP0184H-C, MMF-AP0244H-C, MMF-AP0274H-C, MMF-AP0364H-C,
MMF-AP0484H-C, MMF-AP0564H-C



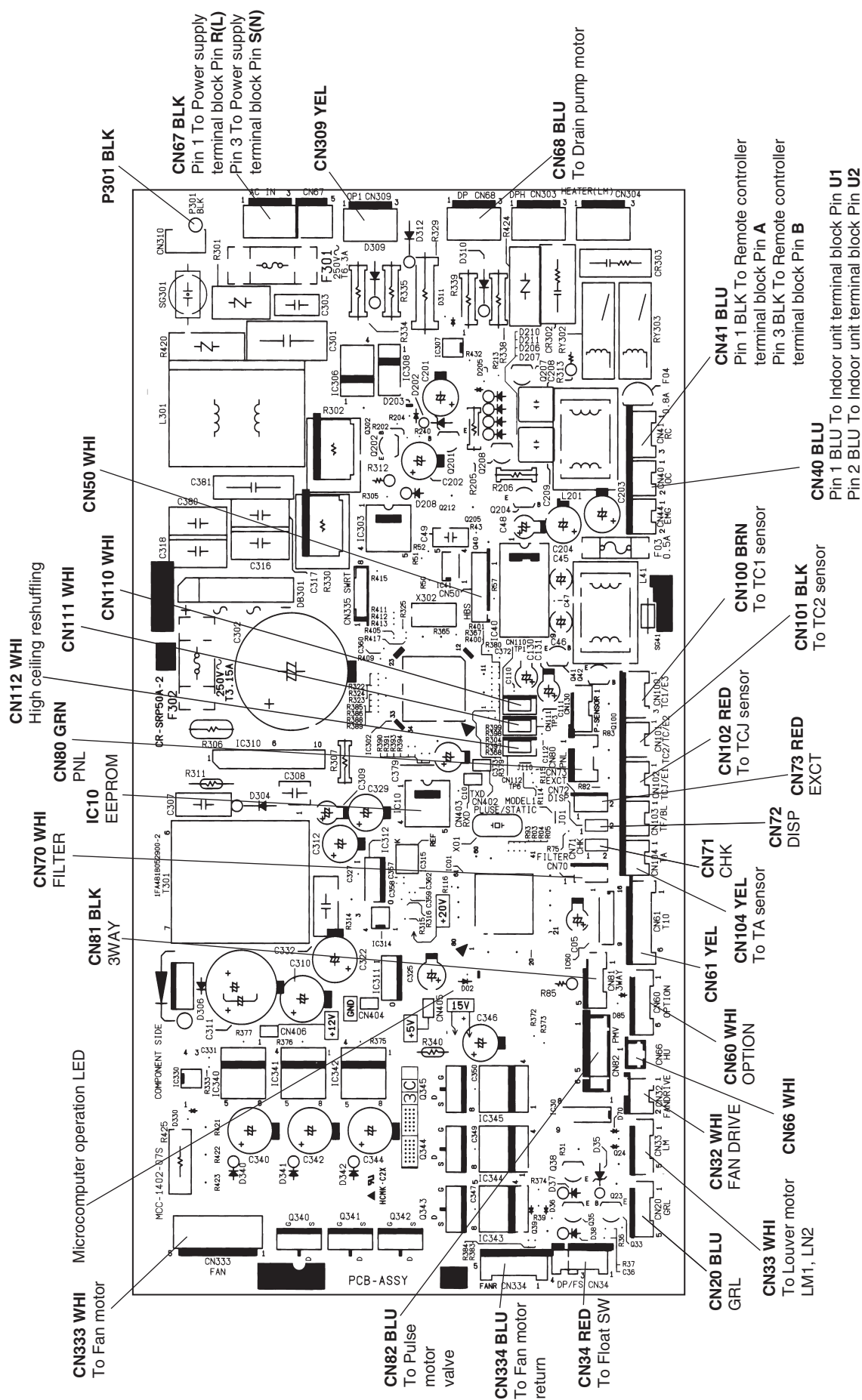
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Note Louver motor: MMU, MMF Model only





**MMU-AP0074MH-C, MMU-AP0094MH-C, MMU-AP0124MH-C, MMU-AP0154MH-C,
MMU-AP0184MH-C**

**MMU-AP0074MH-C, MMU-AP0094MH-C, MMU-AP0124MH-C, MMU-AP0154MH-C,
MMU-AP0184MH-C**



MMU-AP0154H-C, MMU-AP0184H-C, MMU-AP0274H-C, MMU-AP0154SH-C,
MMU-AP0184SH-C, MMU-AP0244SH-C
MMC-AP0154H-C, MMC-AP0184H-C, MMC-AP0244H-C, MMC-AP0274H-C,
MMC-AP0364H-C, MMC-AP0484H-C

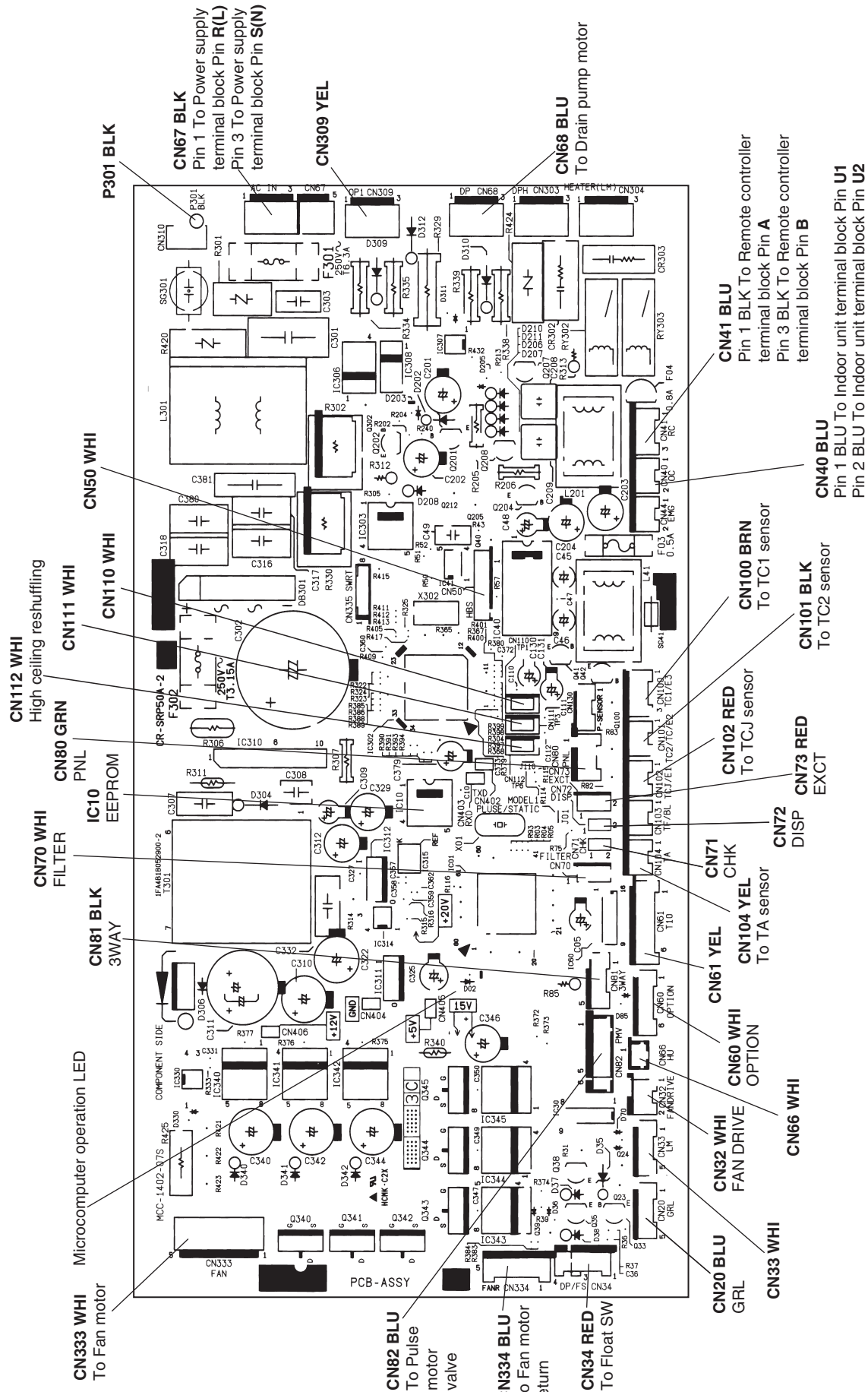
MMU-AP0154H-C, MMU-AP0184H-C, MMU-AP0274H-C, MMU-AP0154SH-C,
MMU-AP0184SH-C, MMU-AP0244SH-C
MMC-AP0154H-C, MMC-AP0184H-C, MMC-AP0244H-C, MMC-AP0274H-C,
MMC-AP0364H-C, MMC-AP0484H-C



MCC-1402

Part No. 4316V473

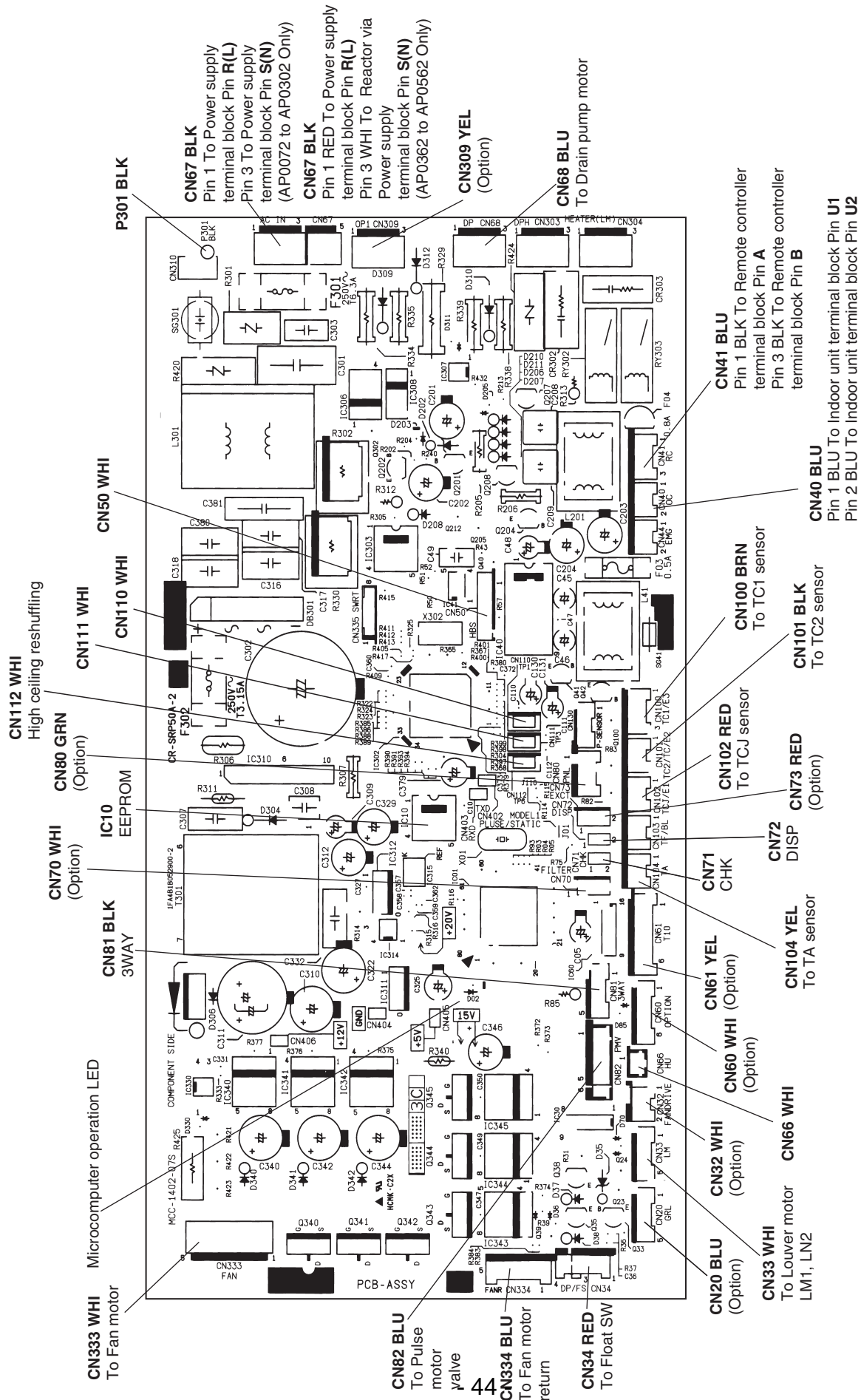
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MMD-AP0184SH-C, MMD-AP0244SH-C, MMD-AP0274SH-C
MMD-AP0074SPH-C, MMD-AP0094SPH-C, MMD-AP0124SPH-C, MMD-AP0154SPH-C,
MMD-AP0184SPH-C, MMD-AP0244SPH-C, MMD-AP0274SPH-C



MCC-1402

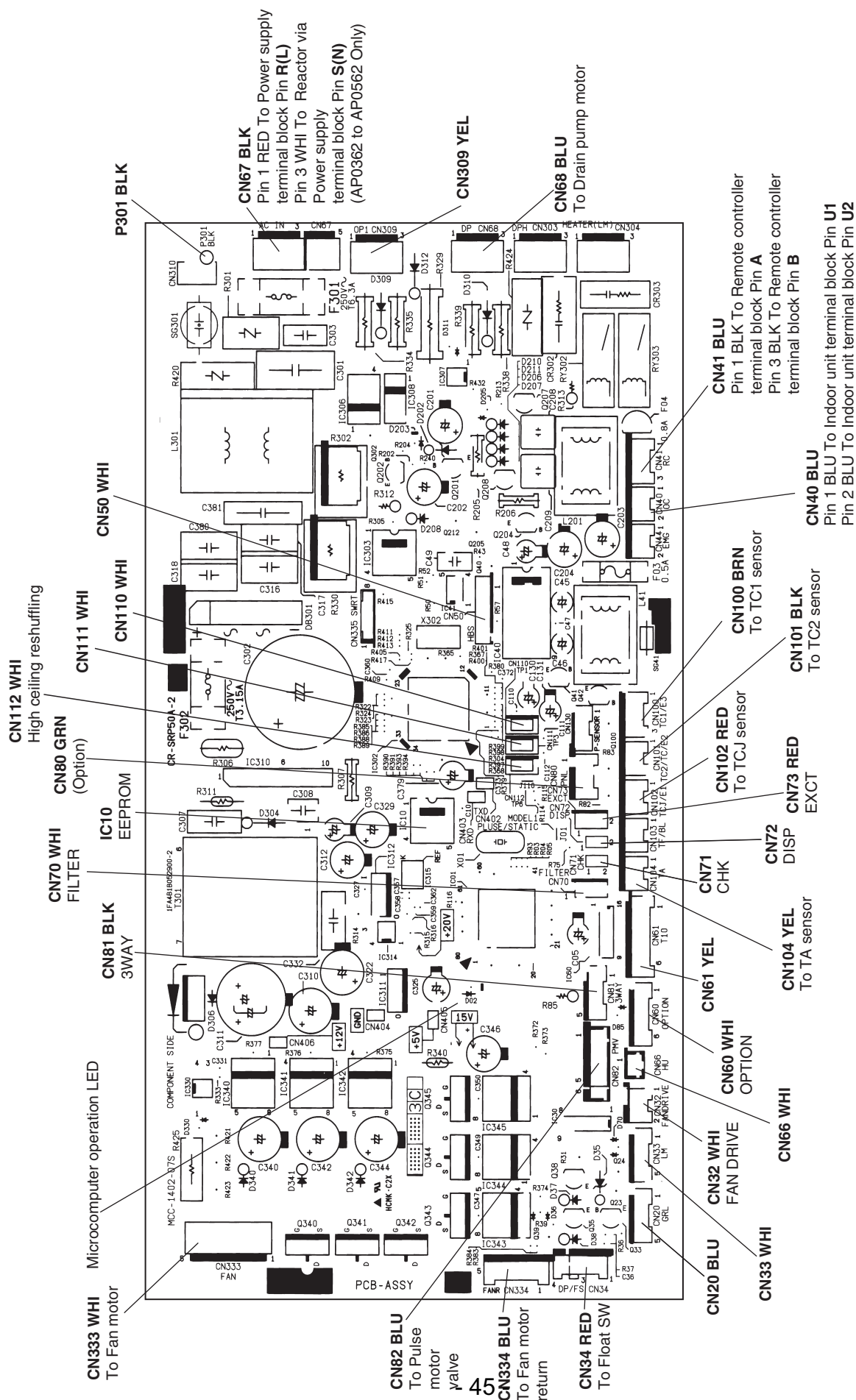
Part No. 4316V473

MMU-AP0072WH-C, MMU-AP0092WH-C, MMU-AP0122WH-C, MMU-AP0152WH-C,
MMU-AP0182WH-C, MMU-AP0242WH-C, MMU-AP0272WH-C, MMU-AP0302WH-C,
MMU-AP0362WH-C, MMU-AP0482WH-C, MMU-AP0562WH-C

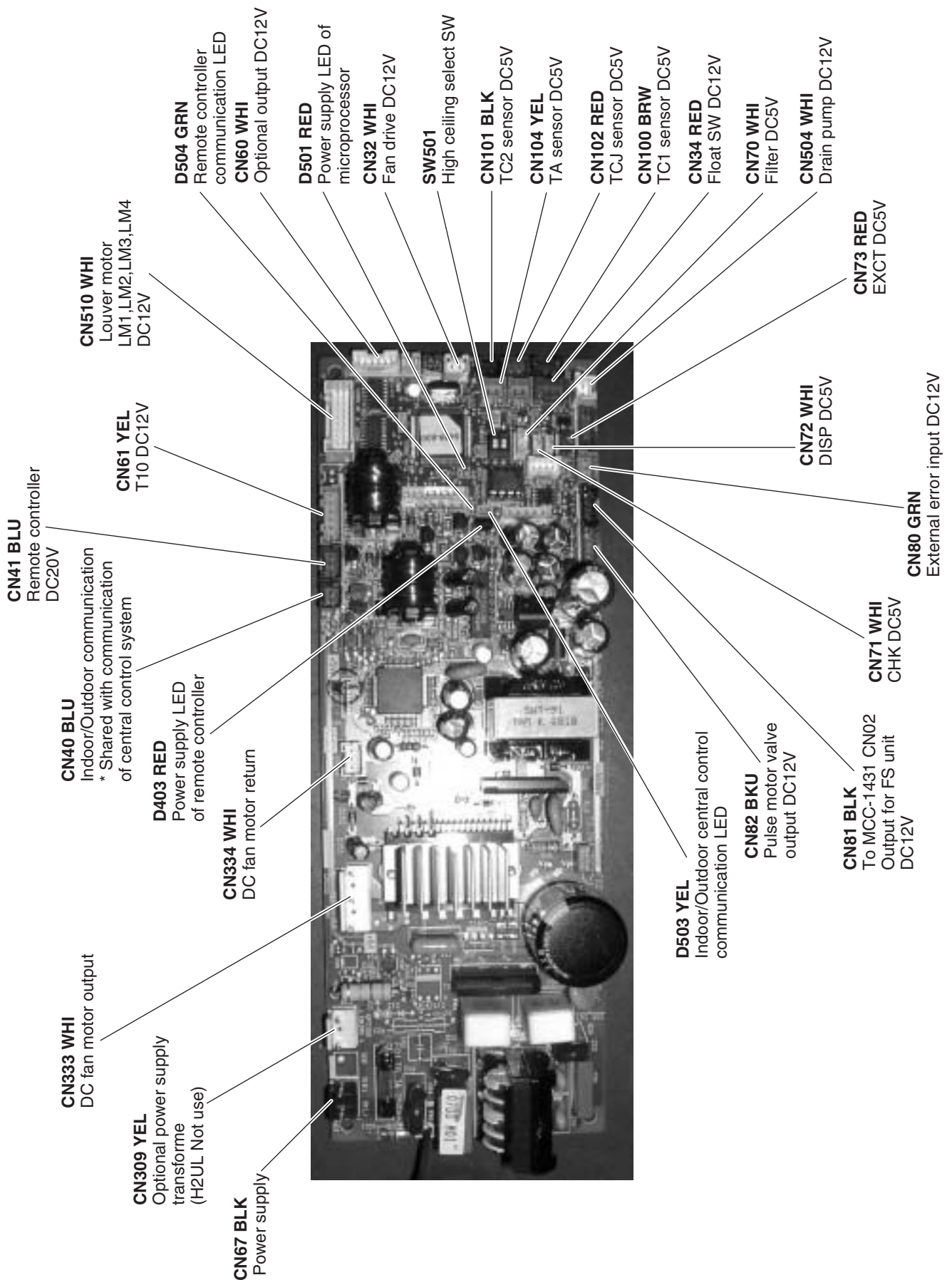


**MMD-AP0074BH-C, MMD-AP0094BH-C, MMD-AP0124BH-C, MMD-AP0154BH-C,
MMD-AP0184BH-C, MMD-AP0244BH-C, MMD-AP0274BH-C, MMD-AP0304BH-C,
MMD-AP0364BH-C, MMD-AP0484BH-C, MMD-AP0564BH-C**

**MMD-AP0074BH-C, MMD-AP0094BH-C, MMD-AP0124BH-C, MMD-AP0154BH-C,
MMD-AP0184BH-C, MMD-AP0244BH-C, MMD-AP0274BH-C, MMD-AP0304BH-C,
MMD-AP0364BH-C, MMD-AP0484BH-C, MMD-AP0564BH-C**



MMU-AP0092H-C, MMU-AP0122H-C, MMU-AP0152H-C, MMU-AP0182H-C,
MMU-AP0242H-C, MMU-AP0272H-C, MMU-AP0302H-C, MMU-AP0362H-C,
MMU-AP0482H-C, MMU-AP0562H-C,



MCC-1402

Part No. 4316V324 (220-240V)

MMD-AP0071BH, MMD-AP0091BH, MMD-AP0121BH, MMD-AP0151BH, MMD-AP0181BH,
MMD-AP0241BH, MMD-AP0271BH, MMD-AP0301BH, MMD-AP0361BH, MMD-AP0481BH,
MMD-AP0561BH

MMU-AP0071MH, MMU-AP0091MH, MMU-AP0121MH, MMU-AP0151MH, MMU-AP0181MH,
MMU-AP0071MH-K, MMU-AP0091MH-K, MMU-AP0121MH-K, MMU-AP0151MH-K,
MMU-AP0181MH-K

MCC-1402

Part No. 4316V445

MMU-AP0071MH2UL, MMU-AP0091MH2UL, MMU-AP0121MH2UL, MMU-AP0151MH2UL,
MMU-AP0181MH2UL

MCC-1402

Part No. 4316V324

MMC-AP0151H-K, MMC-AP0181H-K, MMC-AP0241H-K, MMC-AP0271H-K, MMC-AP0361H-K,
MMC-AP0481H-K

MCC-1402

Part No. 4316V445

MMC-AP0181H2UL, MMC-AP0241H2UL, MMC-AP0361H2UL, MMC-AP0421H2UL

MCC-1403

Part No. 4316V326

MMU-AP0071YH-K, MMU-AP0091YH-K, MMU-AP0121YH-K
MMU-AP0071YH, MMU-AP0091YH, MMU-AP0121YH
MMU-AP0151SH, MMU-AP0181SH, MMU-AP0241SH
MMU-AP0071WH, MMU-AP0091WH, MMU-AP0121WH, MMU-AP0151WH, MMU-AP0181WH,
MMU-AP0241WH, MMU-AP0271WH, MMU-AP0301WH, MMU-AP0481WH (CHINA market only)
MMD-AP0181H, MMD-AP0241H, MMD-AP0271H, MMD-AP0361H, MMD-AP0481H
MML-AP0071BH, MML-AP0091BH, MML-AP0121BH, MML-AP0151BH, MML-AP0181BH,
MML-AP0241BH

MCC-1402

Part No. 4316V325

MMD-AP0071BH-K, MMD-AP0091BH-K, MMD-AP0121BH-K, MMD-AP0151BH-K,
MMD-AP0181BH-K, MMD-AP0241BH-K, MMD-AP0271BH-K, MMD-AP0301BH-K,
MMD-AP0361BH-K, MMD-AP0481BH-K, MMD-AP0561BH-K
MMD-AP0071BH, MMD-AP0091BH, MMD-AP0121BH, MMD-AP0151BH, MMD-AP0181BH
MMD-AP0241BH, MMD-AP0271BH, MMD-AP0301BH, MMD-AP0361BH, MMD-AP0481BH,
MMD-AP0561BH

MCC-1402

Part No. 4316V324

MMK-AP0071H-K, MMK-AP0091H-K, MMK-AP0121H-K, MMK-AP0151H-K, MMK-AP0181H-K,
MMK-AP0241H-K

MCC-1403

Part No. 4316V326

MMD-AP0181H-K, MMD-AP0241H-K, MMD-AP0271H-K, MMD-AP0361H-K, MMD-AP0481H-K

MCC-1402

Part No. 4316V269

MMD-AP0071SPH, MMD-AP0091SPH, MMD-AP0121SPH, MMD-AP0151SPH,
MMD-AP0181SPH

MMD-AP0071SH, MMD-AP0091SH, MMD-AP0121SH, MMD-AP0151SH, MMD-AP0181SH

MMU-AP0091H, MMU-AP0121H, MMU-AP0151H, MMU-AP0181H, MMU-AP0241H,

MMU-AP0271H, MMU-AP0301H, MMU-AP0361H, MMU-AP0481H, MMU-AP0561H

MMK-AP0071H, MMK-AP0091H, MMK-AP0121H, MMK-AP0151H, MMK-AP0181H,

MMK-AP0241H

MMC-AP0151H, MMC-AP0181H, MMC-AP0241H, MMC-AP0271H, MMC-AP0361H,

MMC-AP0481H

MCC-1403

Part No. 4316V502

MMD-AP0304H2UL, MMD-AP0364H2UL, MMD-AP0484H2UL

MCC-1402

Part No. 4316V445

MMD- AP0074SPH2UL, MMD- AP0094SPH2UL, MMD- AP0124SPH2UL,

MMD- AP0154SPH2UL, MMD- AP0184SPH2UL

MCC-1403

Part No. 4316V326

MML-AP0071BH-K, MML-AP0091BH-K, MML-AP0121BH-K, MML-AP0151BH-K,

MML-AP0181BH-K, MML-AP0241BH-K

MCC-1402

Part No. 4316V437

MMD-AP0241SPH-C, MMD-AP0271SPH-C, MMD-AP0241SH-C, MMD-AP0271SH-C

MMU-AP0154SH-E, MMU-AP0184SH-E, MMU-AP0244SH-E

MMU-AP0154SH-TR, MMU-AP0184SH-TR, MMU-AP0244SH-TR

MCC-1403

Part No. 43126V207

MMF-AP0151H, MMF-AP0181H, MMF-AP0241H, MMF-AP0271H, MMF-AP0361H,

MMF-AP0481H, MMF-AP0561H

MCC-1403

Part No. 43126V326

MMF-AP0151H-K, MMF-AP0181H-K, MMF-AP0241H-K, MMF-AP0271H-K, MMF-AP0361H-K,

MMF-AP0481H-K, MMF-AP0561H-K

MMD-AP0721H, MMD-AP0961H

MCC-1429

Part No. 4316V376

MMY-MAP0501HT7K, MMY-MAP0601HT7K, MMY-MAP0801HT7K, MMY-MAP0101HT7K

MMY-MAP0501HT8-C, MMY-MAP0601HT8-C, MMY-MAP0801HT8-C, MMY-MAP1001HT8-C,

MMY-MAP1201HT8-C

MCC-1429

Part No. 4316V236

MMY-MAP0501T8-E, MMY-MAP0601T8-E, MMY-MAP0801T8-E, MMY-MAP1001T8-E,

MMY-MAP1201T8-E

MMY-MAP0501HT8-E, MMY-MAP0601HT8-E, MMY-MAP0801HT8-E, MMY-MAP1001VT8-E,

MMY-MAP1201HT8-E

MCC-1403

Part No. 4316V207

MMML-AP0071H, MML-AP0091H, MML-AP0121H, MML-AP0151H, MML-AP0181H,
MML-AP0241H

MCC-1439

Part No. 4316V378

MMY-MAP0501HT8-C, MMY-MAP0601HT8-C, MMY-MAP0801HT8-C, MMY-MAP1001HT8-C,
MMY-MAP1201HT8-C
MMY-MAP0501T7K, MMY-MAP0601T7K, MMY-MAP0801T7K, MMY-MAP1001T7K,
MMY-MAP1201T7K
MMY-MAP0501T8, MMY-MAP0601T8, MMY-MAP0801T8, MMY-MAP1001T8, MMY-MAP1201T8
MMY-MAP0501HT8, MMY-MAP0601HT8, MMY-MAP0801HT8, MMY-MAP1001HT8,
MMY-MAP1201HT8
MMY-MAP0501HT7, MMY-MAP0601HT7, MMY-MAP0801HT7, MMY-MAP1001HT7,
MMY-MAP1201HT7
MMY-MAP0802FT8-E, MMY-MAP1002FT8-E, MMY-MAP1202FT8-E
MMY-MAP0501T8-E, MMY-MAP0601T8-E, MMY-MAP0801T8-E, MMY-MAP1001T8-E,
MMY-MAP1201T8-E
MMY-MAP0501HT8-E, MMY-MAP0601HT8-E, MMY-MAP0801HT8-E, MMY-MAP1001HT8-E,
MMY-MAP1201HT8-E

MCC-1502

Part No. 4316V377

MMY-MAP0501HT8-C, MMY-MAP0601HT8-C, MMY-MAP0801HT8-C, MMY-MAP1001HT8-C,
MMY-MAP1201HT8-C
MMY-MAP0501HT7K, MMY-MAP0601HT7K, MMY-MAP0801HT7K, MMY-MAP1001HT7K,
MMY-MAP1201HT7K
MMY-MAP0501T8, MMY-MAP0601T8, MMY-MAP0801T8, MMY-MAP1001T8, MMY-MAP1201T8
MMY-MAP0501HT8, MMY-MAP0601HT8, MMY-MAP0801HT8, MMY-MAP1001HT8,
MMY-MAP1201HT8
MMY-MAP0501HT8-E, MMY-MAP0601HT8-E, MMY-MAP0801HT8-E, MMY-MAP1001HT8-E,
MMY-MAP1201HT8-E
MMY-MAP0501HT7, MMY-MAP0601HT7, MMY-MAP0801HT7, MMY-MAP1001HT7,
MMY-MAP1201HT7
MMY-MAP0802FT8-E, MMY-MAP1002FT8-E, MMY-MAP1202FT8-E

MCC-1510

Part No. 43T69081

MMK-AP0073H, MMK-AP0093H, MMK-AP0123H, MMK-AP0153H, MMK-AP0183H,
MMK-AP0243H,
MMK-AP0073H-IN, MMK-AP0093H-IN, MMK-AP0123H-IN, MMK-AP0153H-IN,
MMK-AP0183H-IN, MMK-AP0243H-IN

MCC-1510

Part No. 43T69428

MMK-AP0072H, MMK-AP0092H, MMK-AP0122H

MCC-1510

Part No. 43T69906

MMK-AP0073H2UL, MMK-AP0093H2UL, MMK-AP0123H2UL, MMK-AP0153H2UL,
MMK-AP0183H2UL, MMK-AP0243H2UL

MCC-1510

Part No. 43T69926

MMK-AP0074MH-E, MMK-AP0094MH-E, MMK-AP0124MH-E
MMK-AP0074MH-TR, MMK-AP0094MH-TR, MMK-AP0124MH-TR

MCC-1438

Part No. 4316V291

MMY-MAP0501HT7, MMY-MAP0601HT7, MMY-MAP0801HT7, MMY-MAP0101HT7
MMY-MAP0501T8, MMY-MAP0601T8, MMY-MAP0801T8, MMY-MAP1001T8, MMY-MAP1201T8
MMY-MAP0501HT8, MMY-MAP0601HT8, MMY-MAP0801HT8, MMY-MAP1001VT8,
MMY-MAP1201HT8

MCC-1510

Part No. 4316V483

MMD-AP0074BH2UL, MMD-AP0094BH2UL, MMD-AP0124BH2UL, MMD-AP0154BH2UL
MMD-AP0184BH2UL, MMD-AP0214BH2UL, MMD-AP0244BH2UL, MMD-AP0304BH2UL
MMD-AP0364BH2UL, MMD-AP0424BH2UL, MMD-AP0484BH2UL

MCC-1520

Part No. 4316V247

MMU-AP0071WH, MMU-AP0091WH, MMU-AP0121WH, MMU-AP0151WH, MMU-AP0181WH,
MMU-AP0241WH, MMU-AP0271WH, MMU-AP0301WH, MMU-AP0481WH (CHINA market only)
MMU-AP0071YH, MMU-AP0091YH, MMU-AP0121YH,
MMU-AP0151SH, MMU-AP0181SH, MMU-AP0241SH
MMD-AP0181H, MMD-AP0241H, MMD-AP0271H, MMD-AP0361H, MMD-AP0481H,
MMD-AP0721H, MMD-AP0961H
MML-AP0071H, MML-AP0091H, MML-AP0121H, MML-AP0151H, MML-AP0181H,
MML-AP0241H
MML-AP0071BH, MML-AP0091BH, MML-AP0121BH, MML-AP0151BH, MML-AP0181BH,
MML-AP0241BH
MMF-AP0151H, MMF-AP0181H, MMF-AP0241H, MMF-AP0271H, MMF-AP0361H,
MMF-AP0481H, MMF-AP0561H
MMD-AP0304H2UL, MMD-AP0364H2UL, MMD-AP0484H2UL

MCC-1520

Part No. 4316V345

MMU-AP0071YH-K, MMU-AP0091YH-K, MMU-AP0121YH-K,
MMD-AP0181H-K, MMD-AP0241H-K, MMD-AP0271H-K, MMD-AP0361H-K, MMD-AP0481H-K,
MMD-AP0721H-K, MMD-AP0961H-K
MML-AP0071HFE-K, MML-AP0091HFE-K, MML-AP0121HFE-K, MML-AP0151H,
MML-AP0181HFE-K, MML-AP0241HFE-K
MML-AP0071H-K, MML-AP0091H-K, MML-AP0121H-K, MML-AP0151H-K, MML-AP0181H-K,
MML-AP0241H-K
MML-AP0071BH-K, MML-AP0091BH-K, MML-AP0121BH-K, MML-AP0151BH-K,
MML-AP0181BH-K, MML-AP0241BH-K
MMF-AP0151H-K, MMF-AP0181H-K, MMF-AP0241H-K, MMF-AP0271H-K, MMF-AP0361H-K,
MMF-AP0481H-K, MMF-AP0561H-K

MCC-1520

Part No. 4316V343

MMD-AP0481HFE, MMD-AP0721HFE, MMD-AP0961HFE

MCC-1570**Part No. 4316V379**

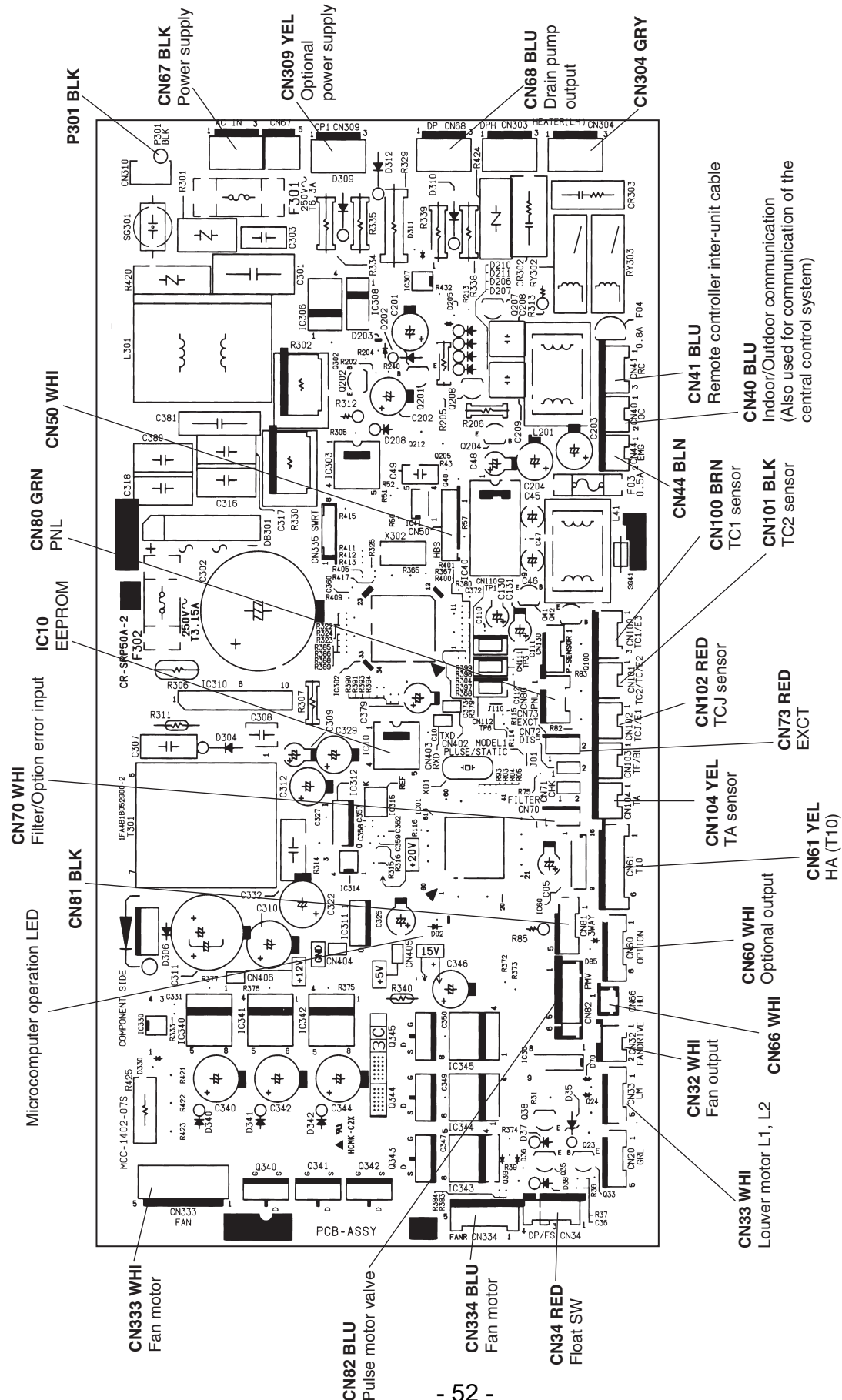
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MMU-AP0272H, MMU-AP0302H, MMU-AP0362H, MMU-AP0482H, MMU-AP0562H,
MMU-AP0092H-K, MMU-AP0122H-K, MMU-AP0152H-K, MMU-AP0182H-K, MMU-AP0242H-K,
MMU-AP0272H-K, MMU-AP0302H-K, MMU-AP0362H-K, MMU-AP0482H-K, MMU-AP0562H-K

MCC-1570**Part No. 4316V447**

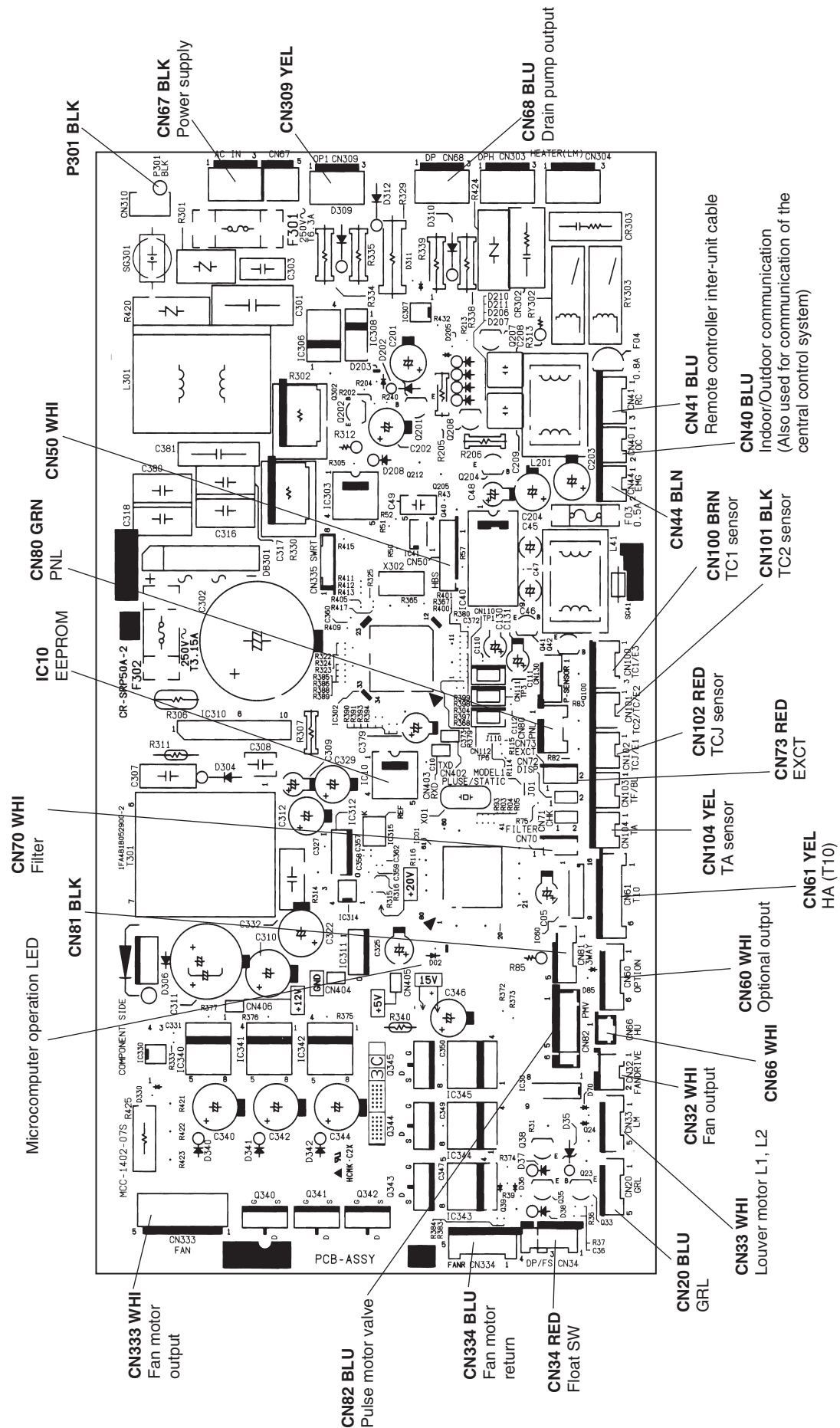
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MMU-AP0362H2UL, MMU-AP0422H2UL

MMD-AP0071BH, MMD-AP0091BH, MMD-AP0121BH, MMD-AP0151BH, MMD-AP0181BH,
MMD-AP0241BH, MMD-AP0271BH, MMD-AP0301BH, MMD-AP0361BH, MMD-AP0481BH,
MMD-AP0561BH

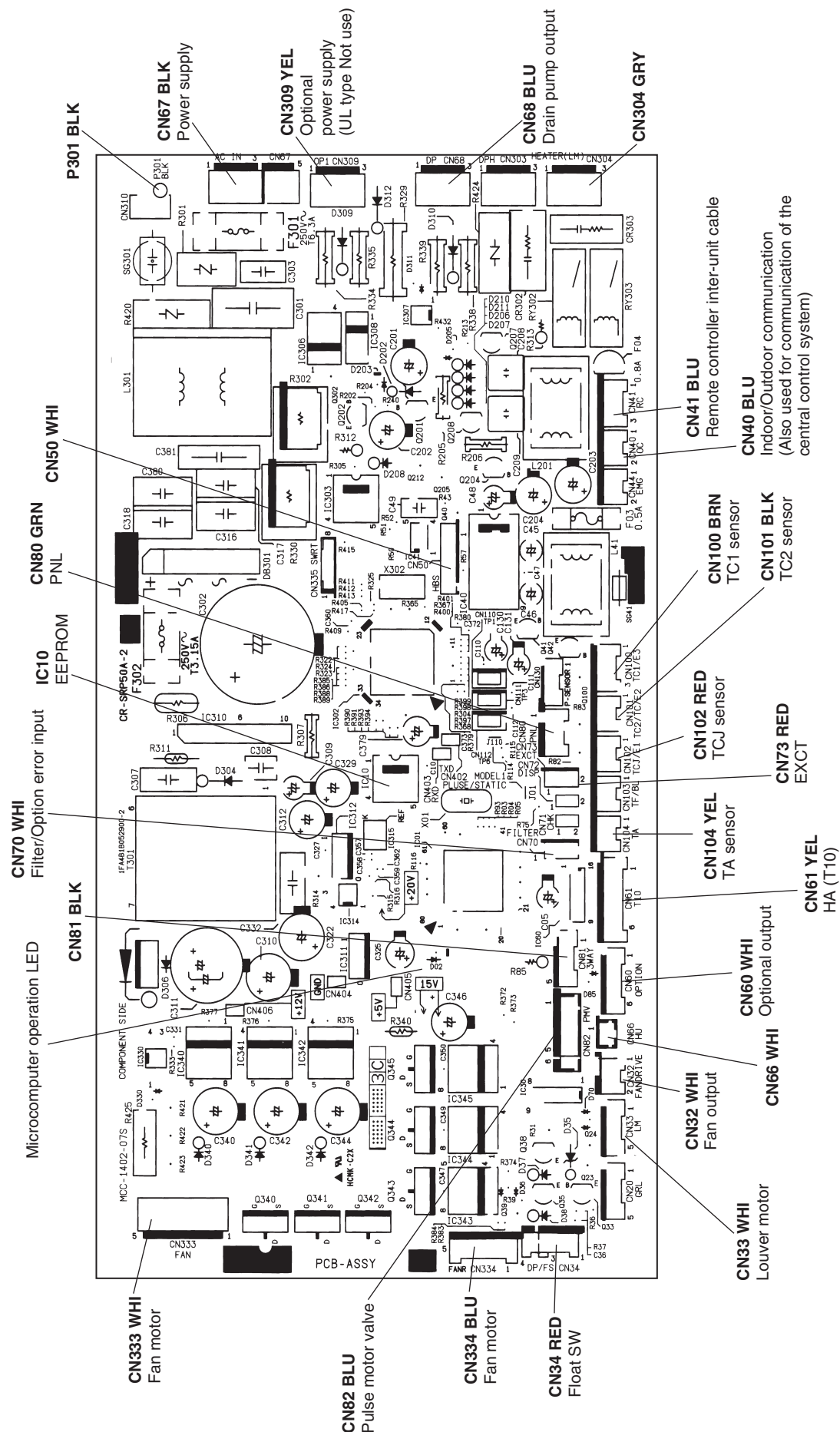
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MMU-AP0071MH-K, MMU-AP0091MH-K, MMU-AP0121MH-K, MMU-AP0151MH-K,
MMU-AP0181MH-K



MMU-AP0071MH2UL, MMU-AP0091MH2UL, MMU-AP0121MH2UL, MMU-AP0151MH2UL,
MMU-AP0181MH2UL,



MMC-AP0151H-K, MMC-AP0181H-K, MMC-AP0241H-K, MMC-AP0271H-K, MMC-AP0361H-K,
MMC-AP0481H-K





MMU-AP0071YH-K, MMU-AP0091YH-K, MMU-AP0121YH-K

MMU-AP0071YH, MMU-AP0091YH, MMU-AP0121YH

MMU-AP0151SH, MMU-AP0181SH, MMU-AP0241SH

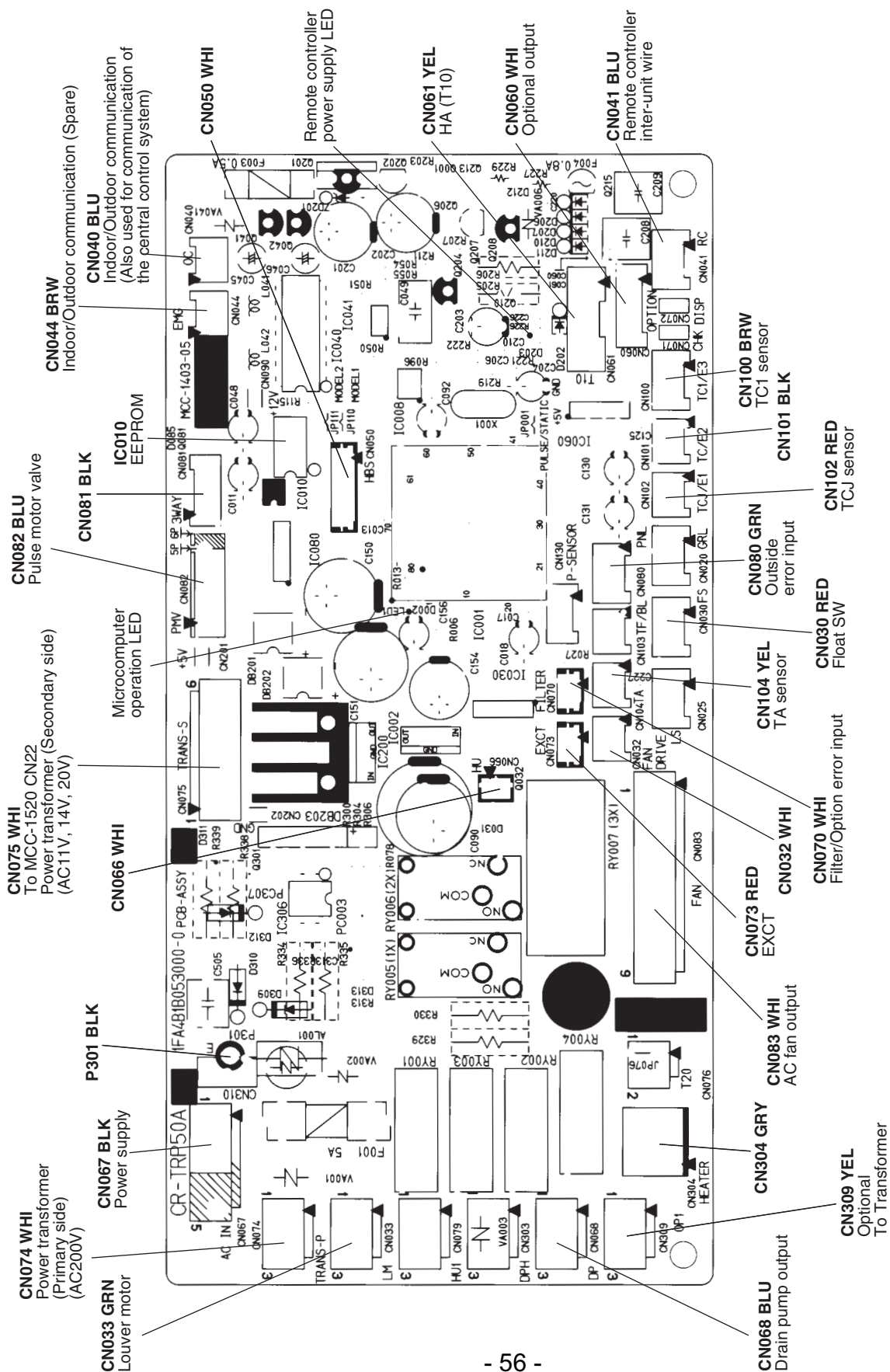
MMU-AP0071WH, MMU-AP0091WH, MMU-AP0121WH, MMU-AP0151WH, MMU-AP0181WH,

MMU-AP0241WH, MMU-AP0271WH, MMU-AP0301WH, MMU-AP0481WH (CHINA market only)

MMD-AP0181H, MMD-AP0241H, MMD-AP0271H, MMD-AP0361H, MMD-AP0481H

MML-AP0071BH, MML-AP0091BH, MML-AP0121BH, MML-AP0151BH, MML-AP0181BH,

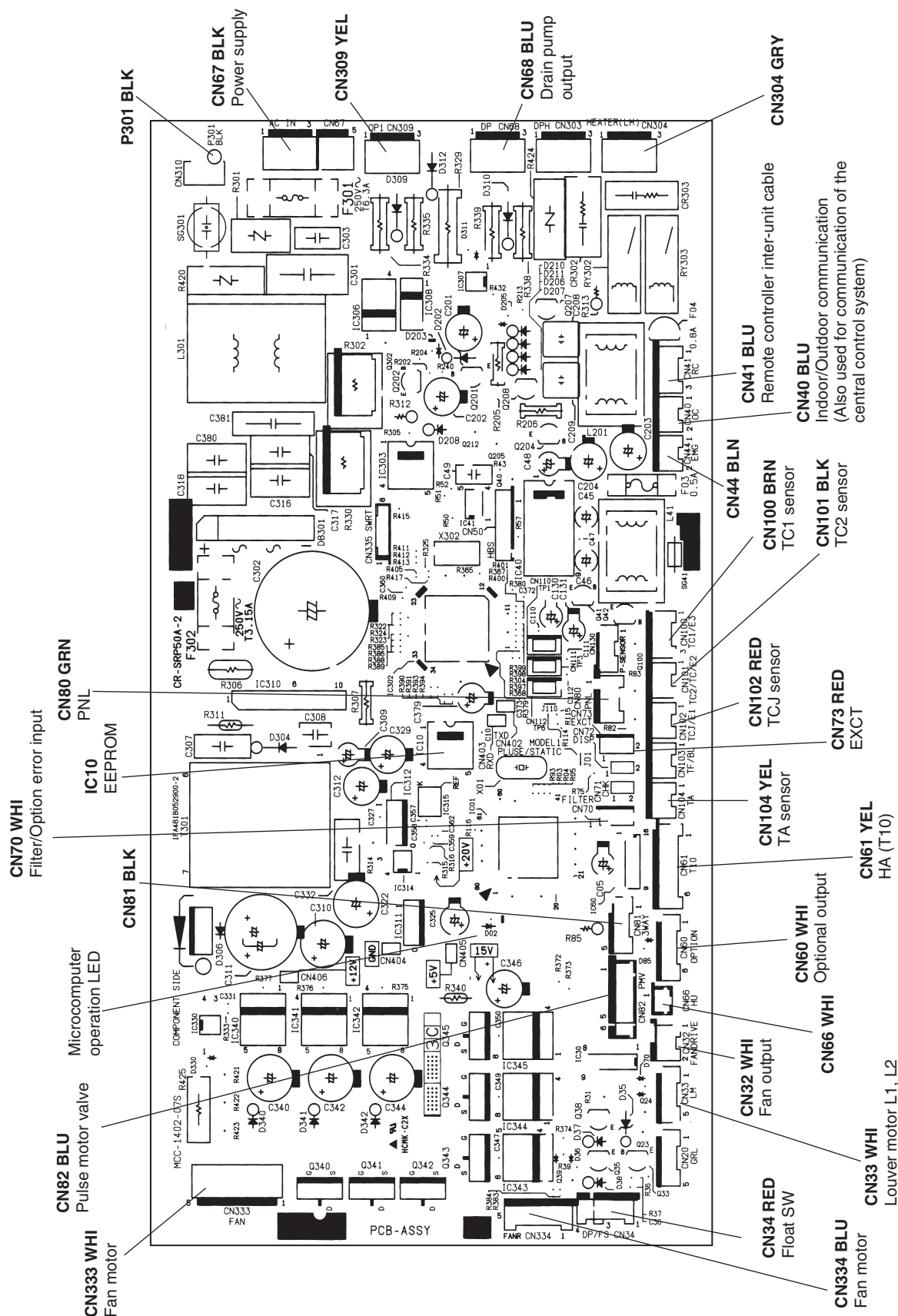
MML-AP0241BH



MMD-AP0071BH-K, MMD-AP0091BH-K, MMD-AP0121BH-K, MMD-AP0151BH-K, MMD-AP0181BH-K
MMD-AP0241BH-K, MMD-AP0271BH-K, MMD-AP0301BH-K, MMD-AP0361BH-K, MMD-AP0481BH-K,
MMD-AP0561BH-K

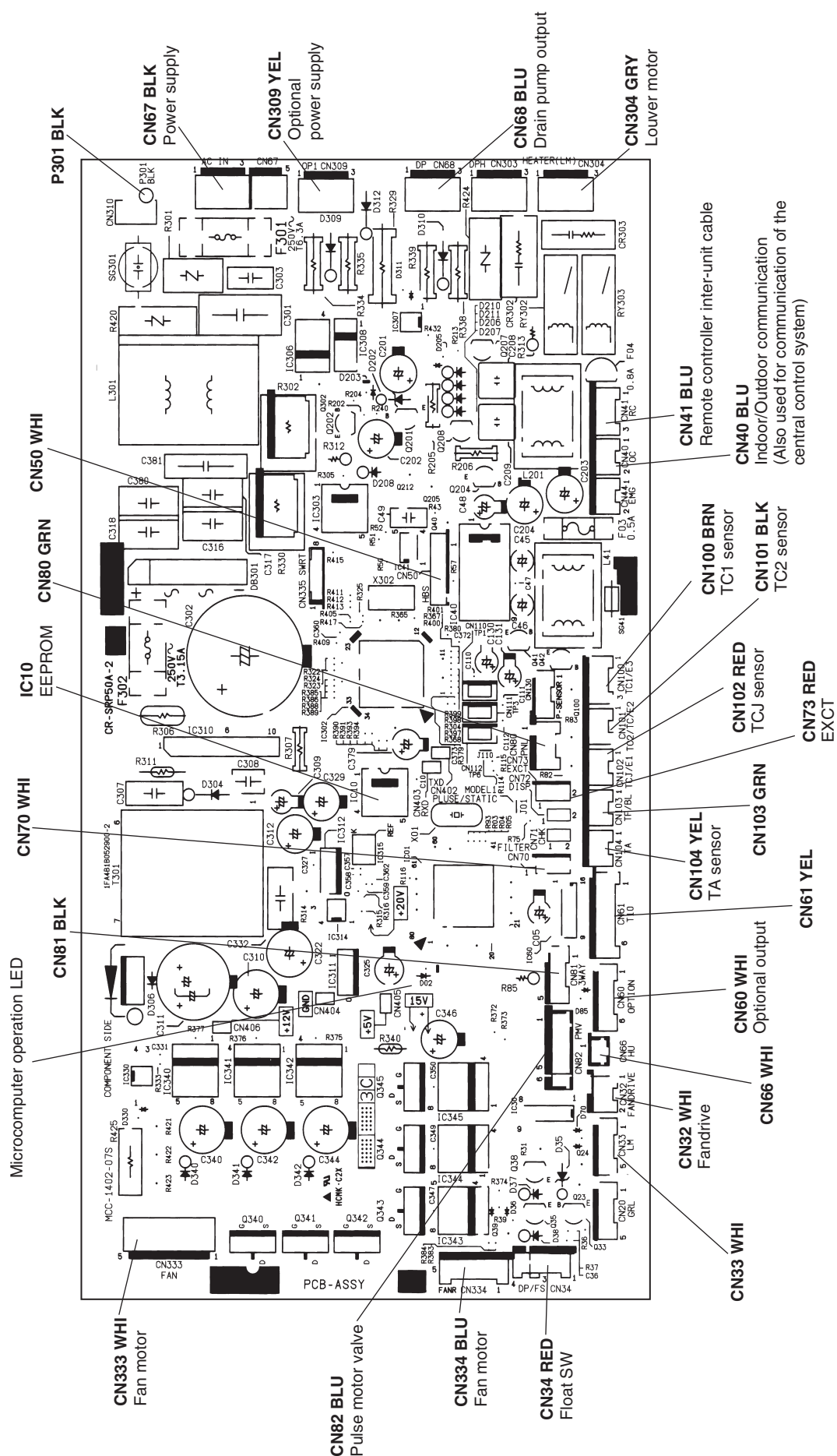
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MMD-AP0241BH, MMD-AP0271BH, MMD-AP0301BH, MMD-AP0361BH, MMD-AP0481BH, MMD-AP0561BH



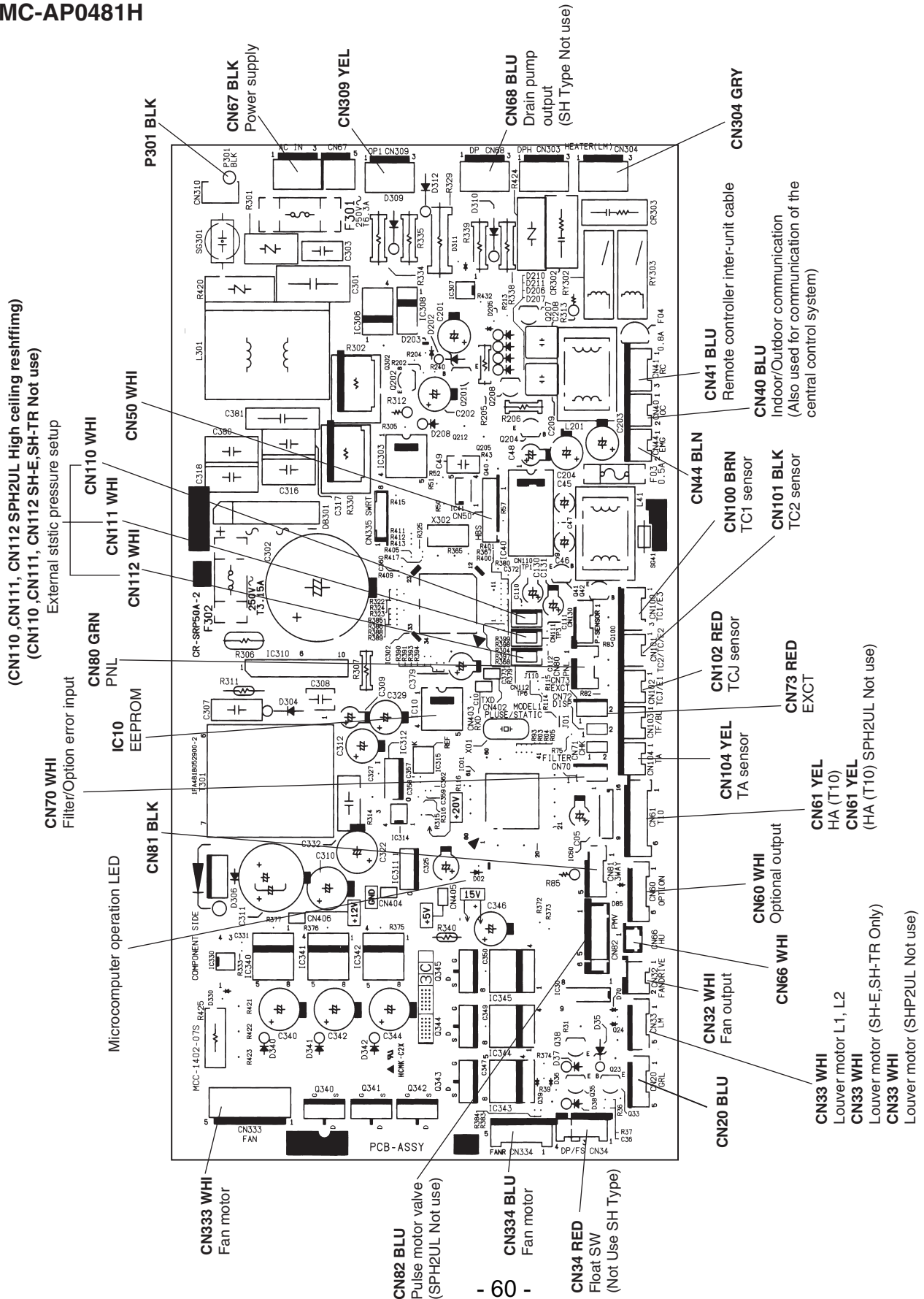
MMK-AP0071H-K, MMK-AP0091H-K, MMK-AP0121H-K, MMK-AP0151H-K, MMK-AP0181H-K, MMK-AP0241H-K

MMK-AP0071H-K, MMK-AP0091H-K, MMK-AP0121H-K, MMK-AP0151H-K, MMK-AP0181H-K, MMK-AP0241H-K

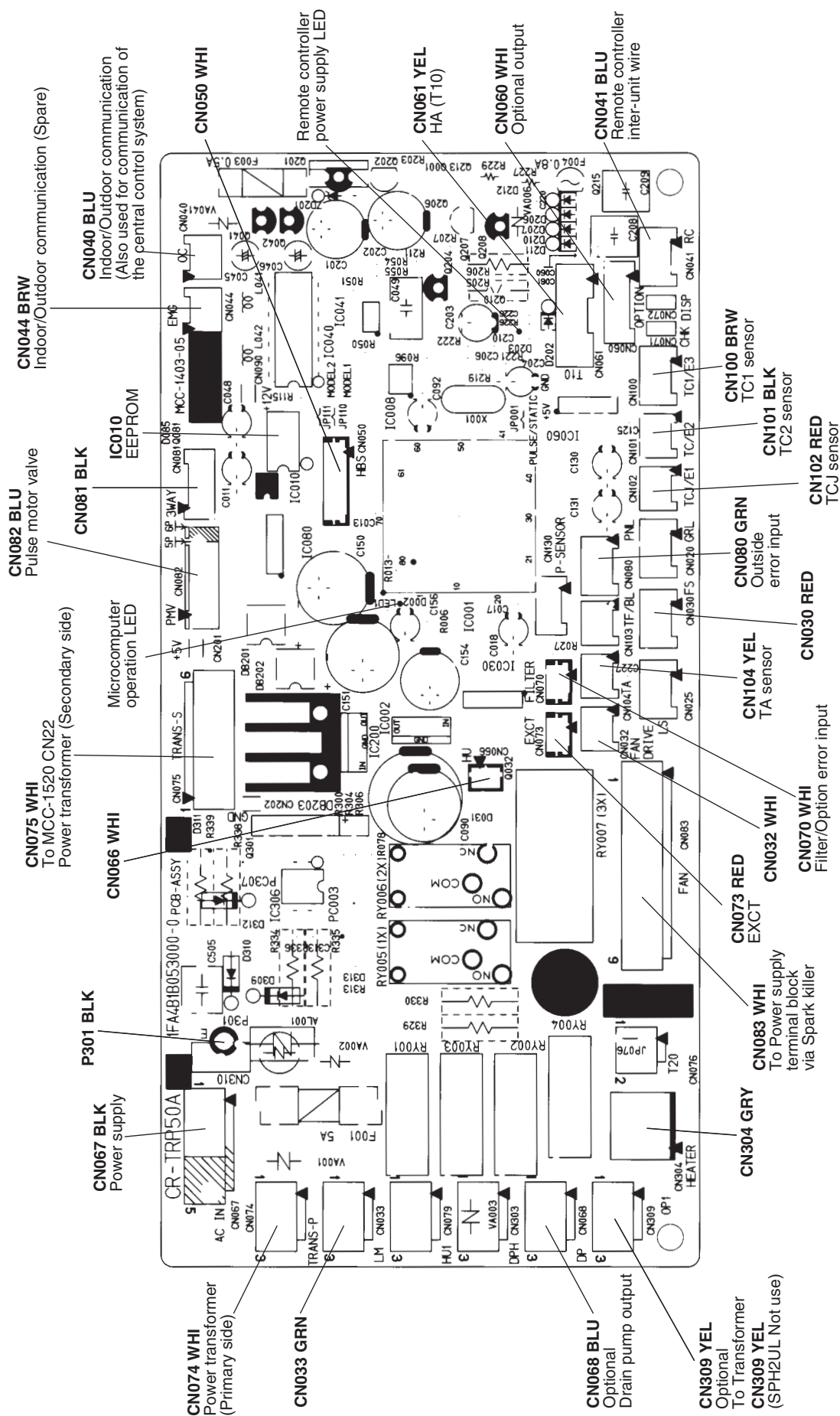




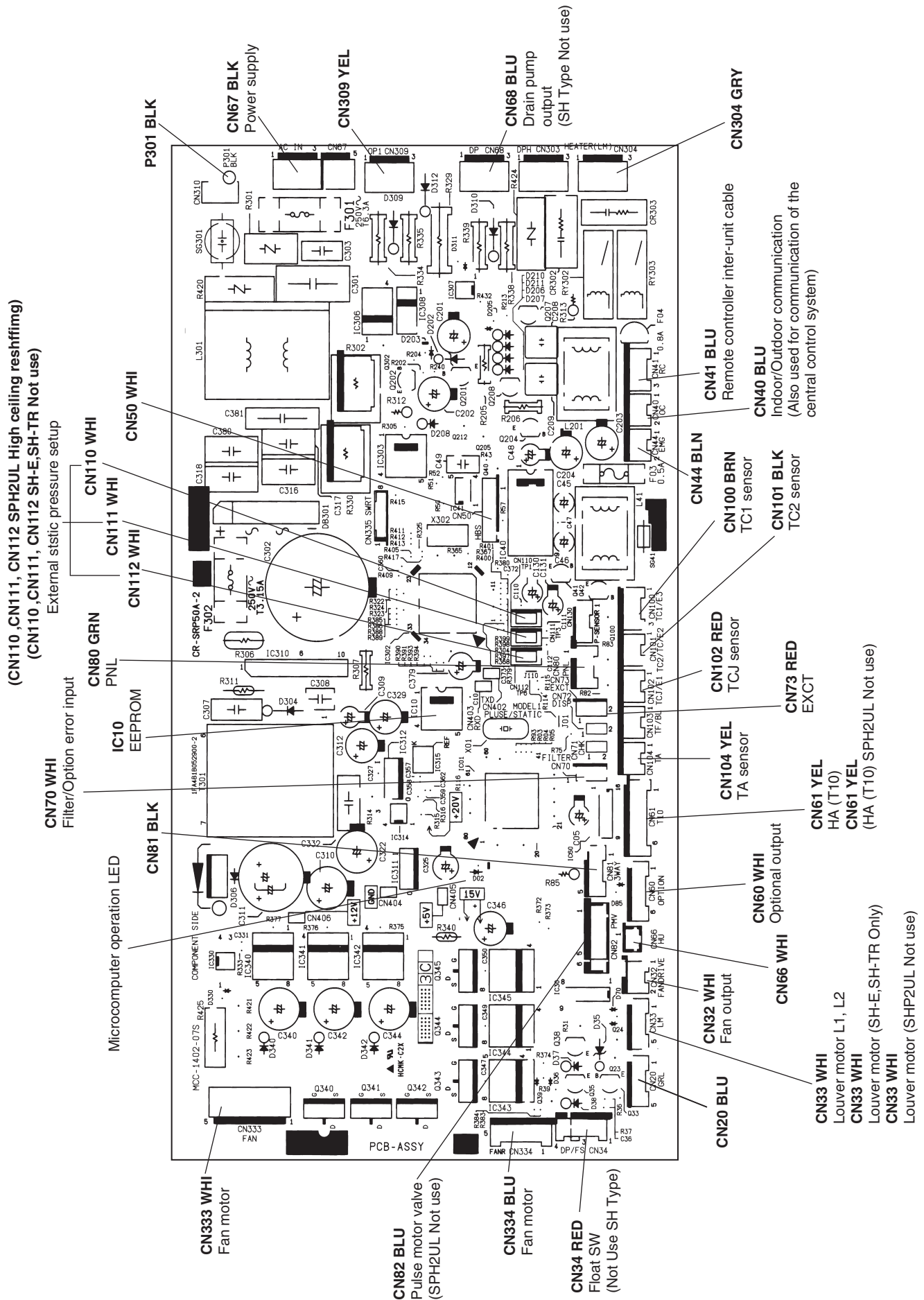
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 MMD-AP0071SH, MMD-AP0091SH, MMD-AP0121SH, MMD-AP0151SH, MMD-AP0181SH
 MMU-AP0091H, MMU-AP0121H, MMU-AP0151H, MMU-AP0181H, MMU-AP0241H,
 MMU-AP0271H, MMU-AP0301H, MMU-AP0361H, MMU-AP0481H, MMU-AP0561H
 MMK-AP0071H, MMK-AP0091H, MMK-AP0121H, MMK-AP0151H, MMK-AP0181H,
 MMK-AP0241H
 MMC-AP0151H, MMC-AP0181H, MMC-AP0241H, MMC-AP0271H, MMC-AP0361H,
 MMC-AP0481H



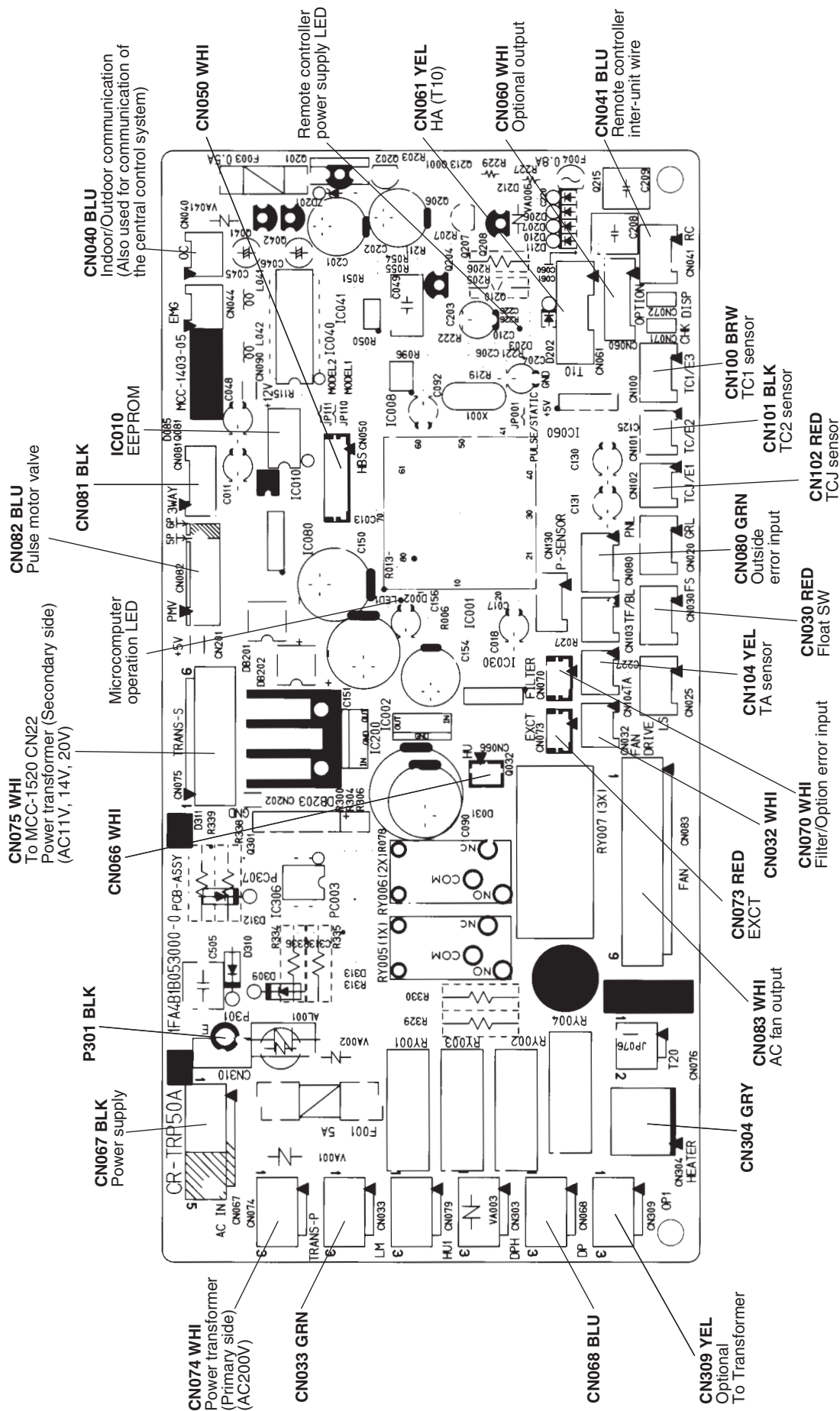
MMD-AP0304H2UL, MMD-AP0364H2UL, MMD-AP0484H2UL



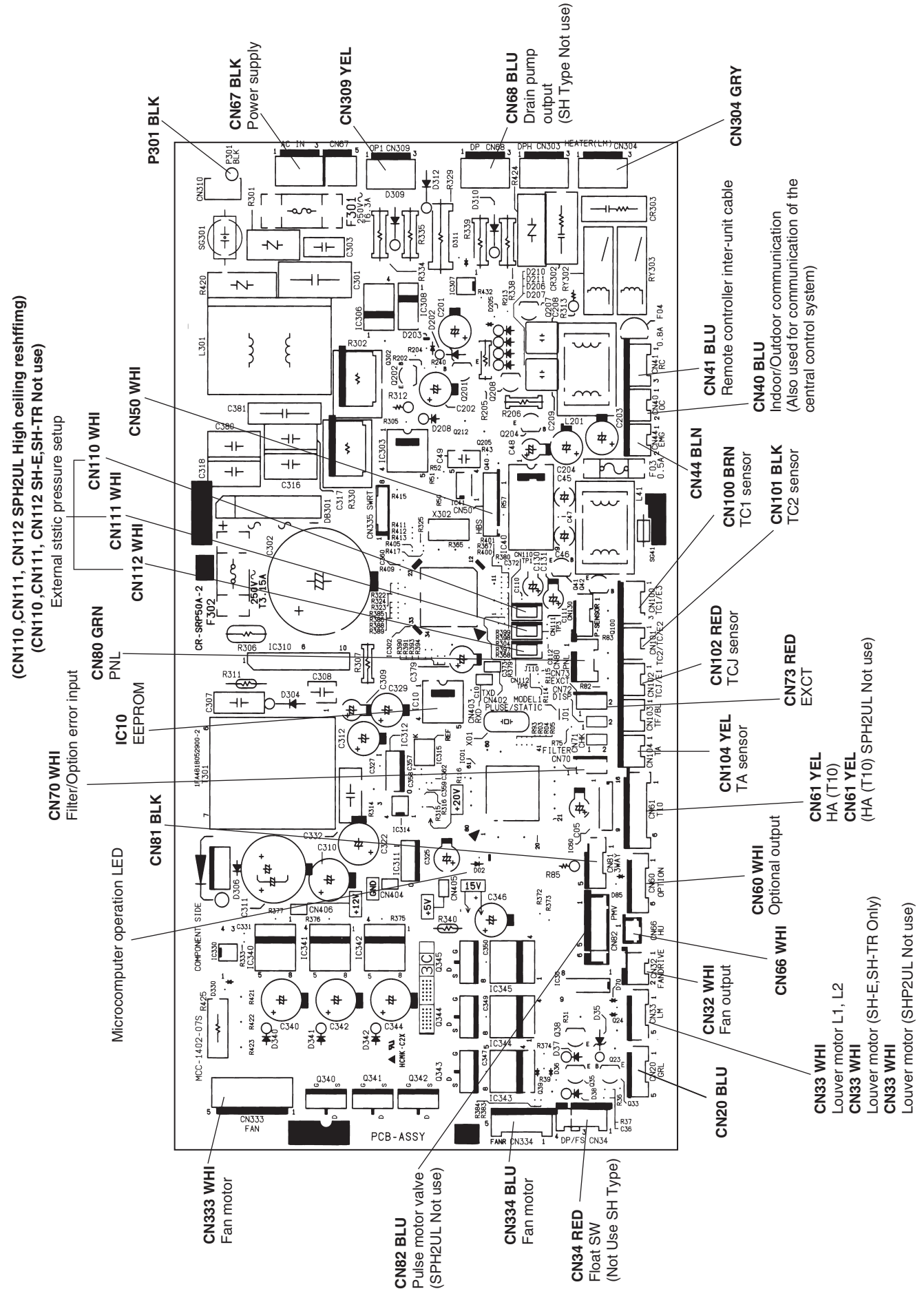
MMD- AP0074SPH2UL, MMD- AP0094SPH2UL, MMD- AP0124SPH2UL, MMD- AP0154SPH2UL,
MMD- AP0184SPH2UL



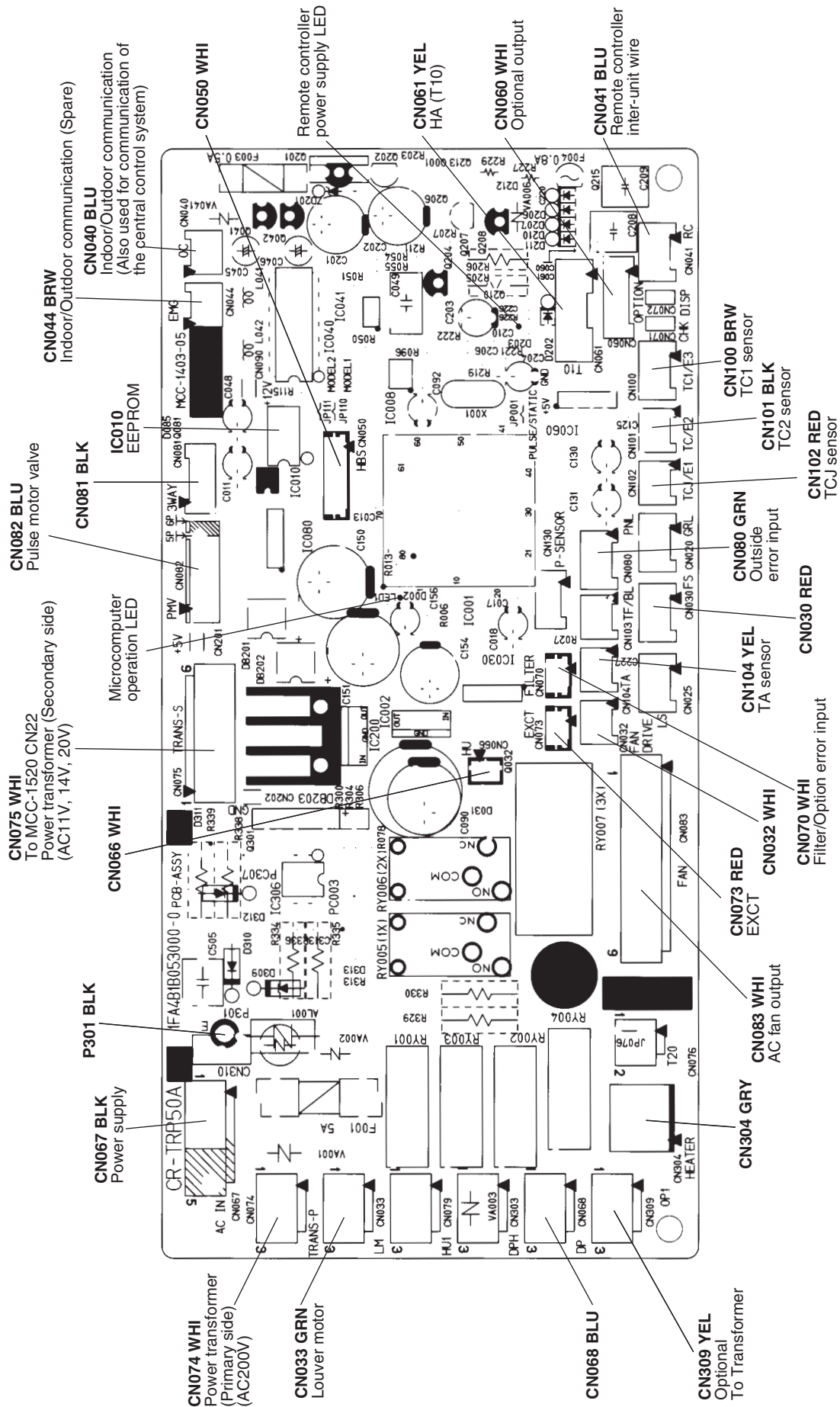
MML-AP0071BH-K, MML-AP0091BH-K, MML-AP0121BH-K, MML-AP0151BH-K,
MML-AP0181BH-K, MML-AP0241BH-K



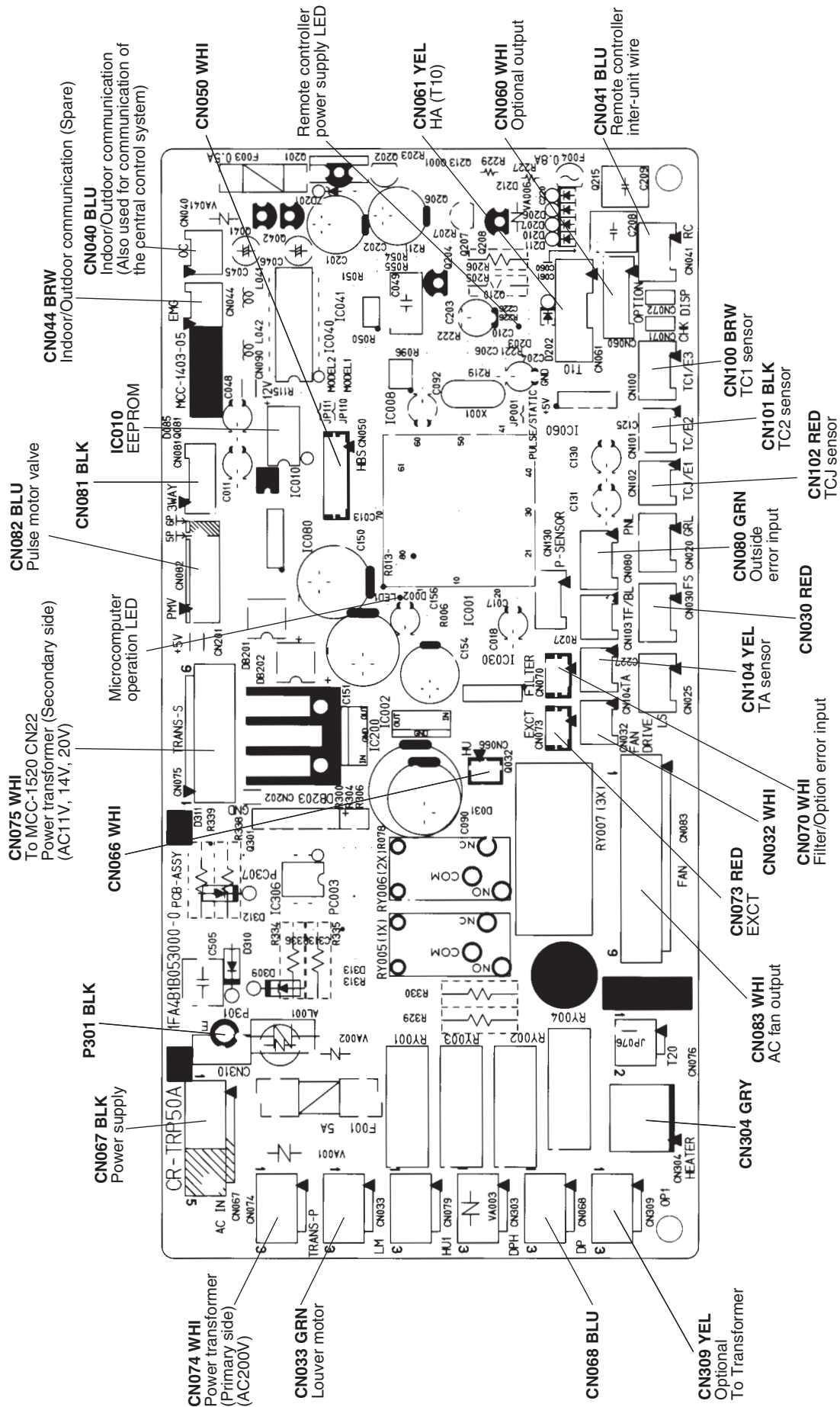
MMD-AP0241SPH-C, MMD-AP0271SPH-C, MMD-AP0241SH-C, MMD-AP0271SH-C
MMU-AP0154SH-E, MMU-AP0184SH-E, MMU-AP0244SH-E
MMU-AP0154SH-TR, MMU-AP0184SH-TR, MMU-AP0244SH-TR



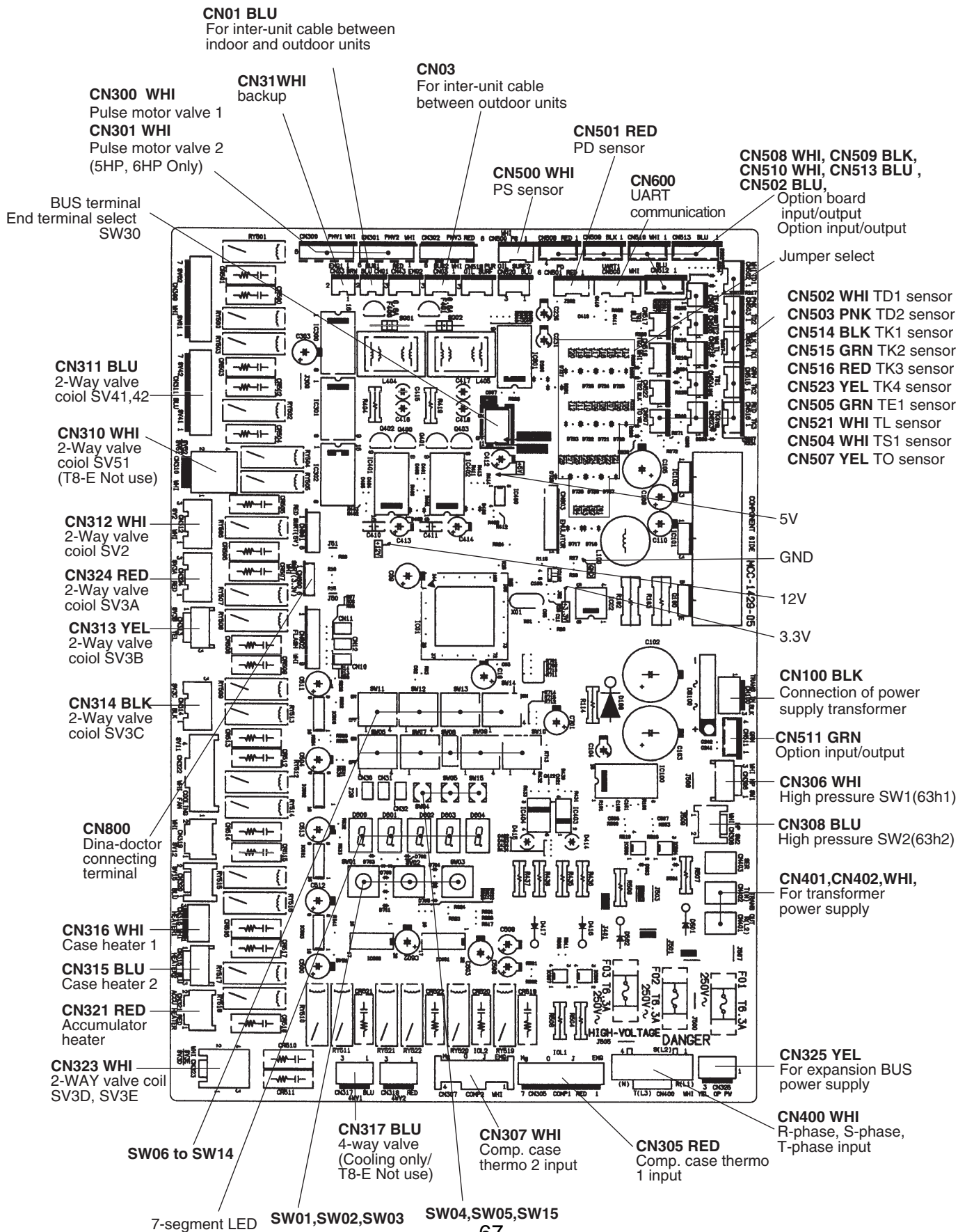
MMF-AP0151H, MMF-AP0181H, MMF-AP0241H, MMF-AP0271H, MMF-AP0361H,
MMF-AP0481H, MMF-AP0561H



MMF-AP0151H-K, MMF-AP0181H-K, MMF-AP0241H-K, MMF-AP0271H-K, MMF-AP0361H-K,
MMF-AP0481H-K, MMF-AP0561H-K
MMD-AP0721H, MMD-AP0961H

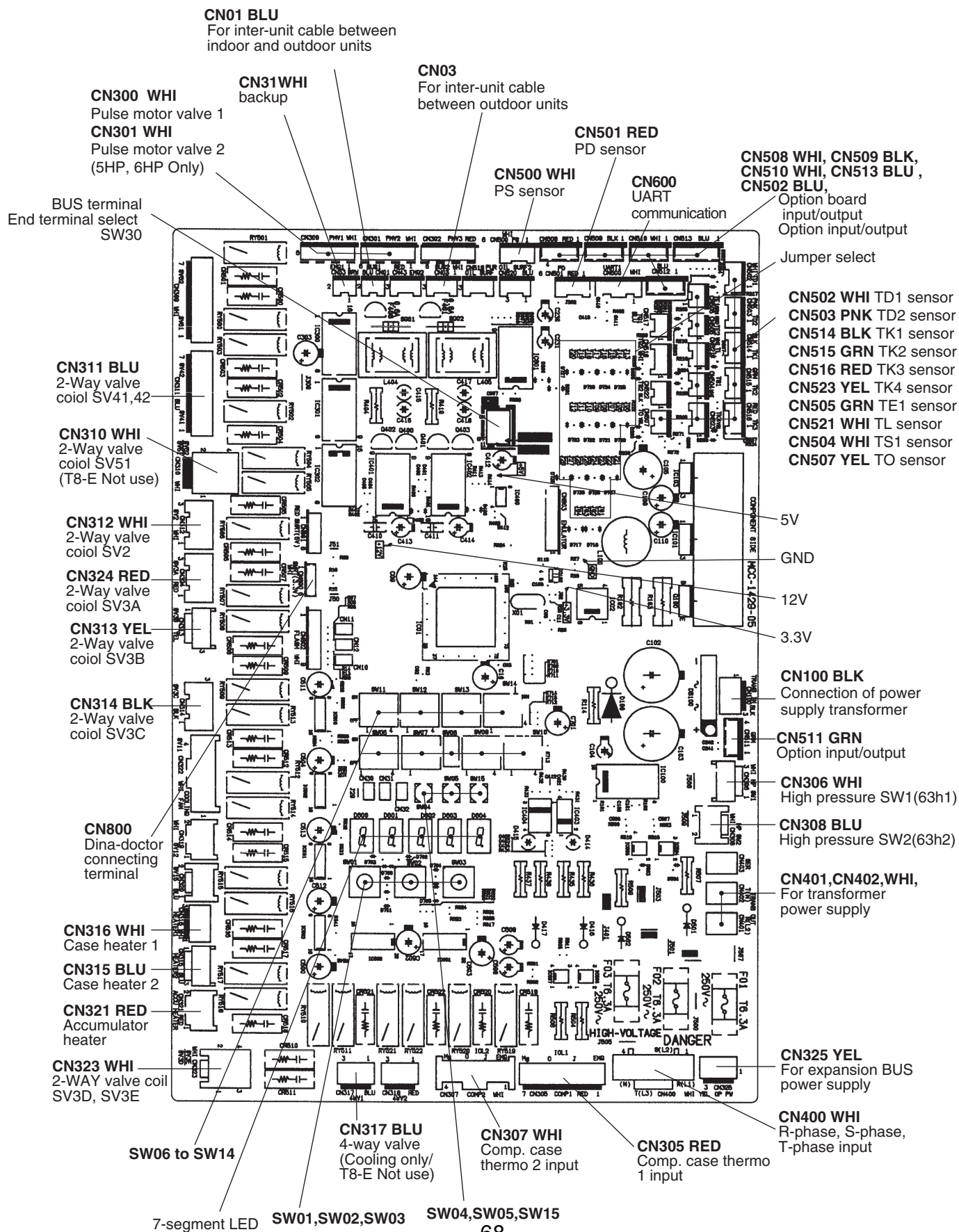


MMY-MAP0501HT7K, MMY-MAP0601HT7K, MMY-MAP0801HT7K, MMY-MAP0101HT7K
MMY-MAP0501HT8-C, MMY-MAP0601HT8-C, MMY-MAP0801HT8-C, MMY-MAP1001HT8-C,
MMY-MAP1201HT8-C



MMY-MAP0501T8-E, MMY-MAP0601T8-E, MMY-MAP0801T8-E, MMY-MAP1001T8-E,
MMY-MAP1201T8-E

MMY-MAP0501HT8-E, MMY-MAP0601HT8-E, MMY-MAP0801HT8-E, MMY-MAP1001VT8-E,
MMY-MAP1201HT8-E



MCC-1502

Part No. 4316V377

MMY-MAP0501HT8-C, MMY-MAP0601HT8-C, MMY-MAP0801HT8-C, MMY-MAP1001HT8-C, MMY-MAP1201HT8-C

MMY-MAP0501HT7K, MMY-MAP0601HT7K, MMY-MAP0801HT7K, MMY-MAP1001HT7K, MMY-MAP1201HT7K

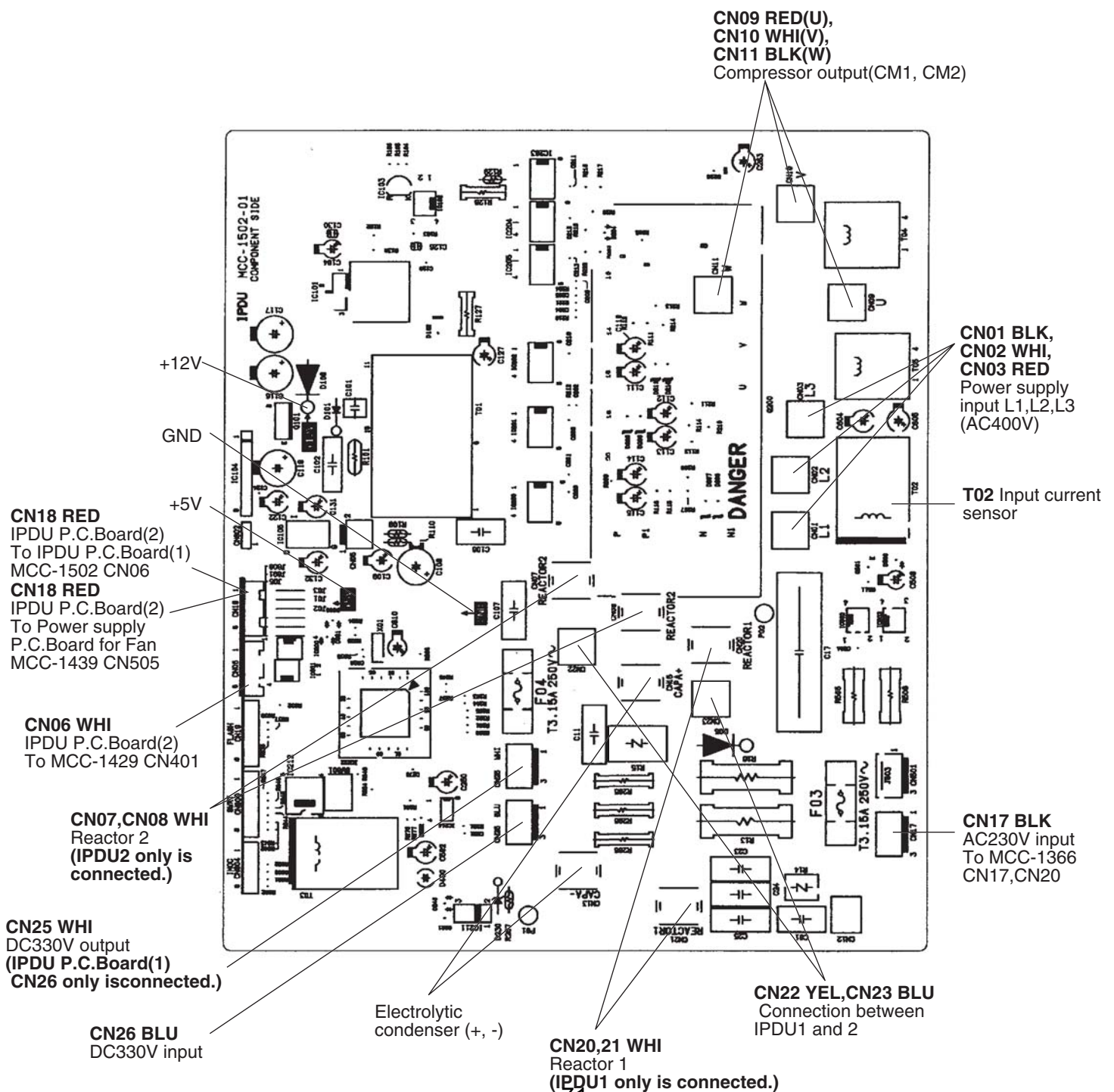
MMY-MAP0501T8, MMY-MAP0601T8, MMY-MAP0801T8, MMY-MAP1001T8, MMY-MAP1201T8

MMY-MAP0501HT8, MMY-MAP0601HT8, MMY-MAP0801HT8, MMY-MAP1001HT8, MMY-MAP1201HT8

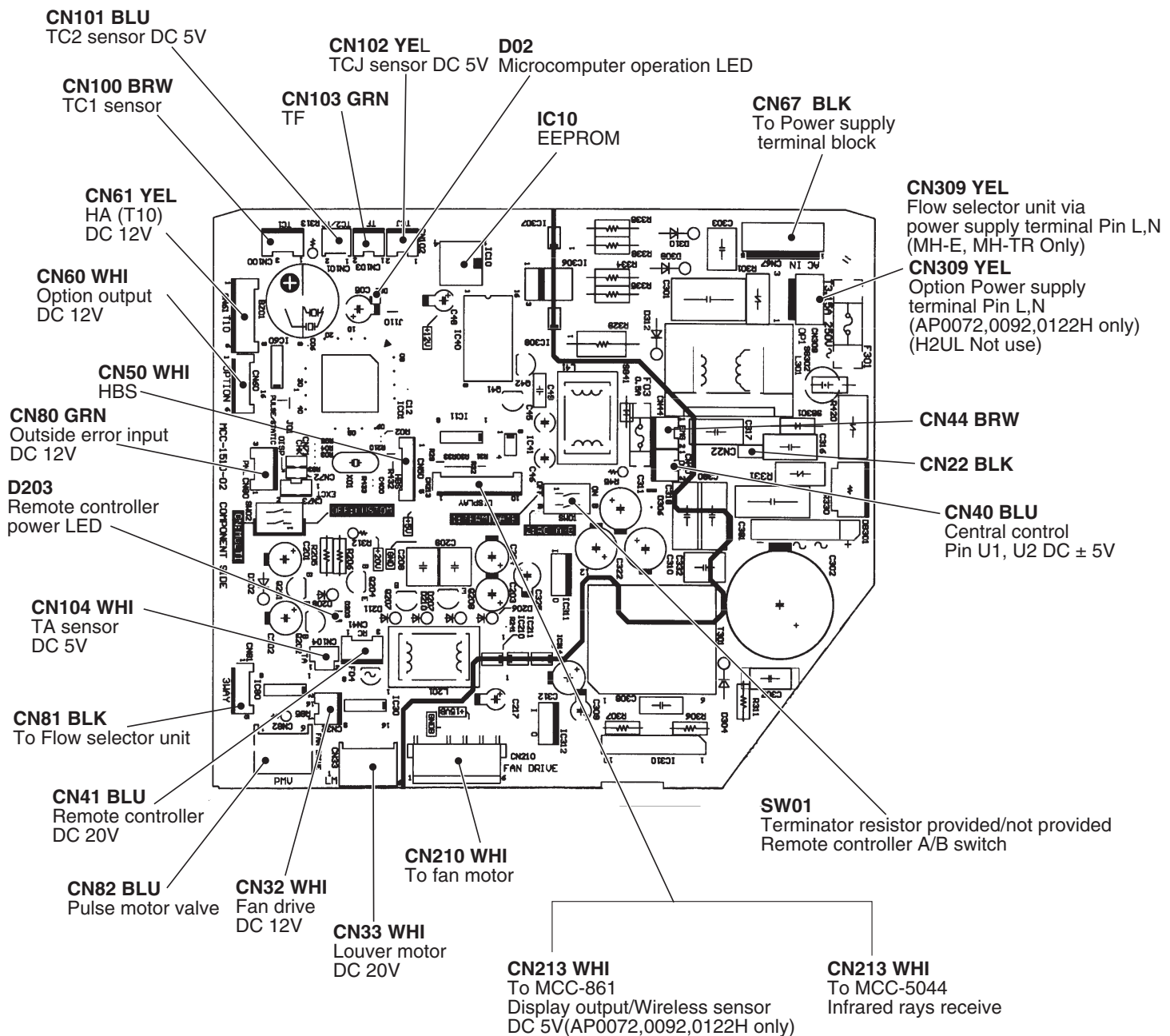
MMY-MAP0501HT8-E, MMY-MAP0601HT8-E, MMY-MAP0801HT8-E, MMY-MAP1001HT8-E, MMY-MAP1201HT8-E

MMY-MAP0501HT7, MMY-MAP0601HT7, MMY-MAP0801HT7, MMY-MAP1001HT7, MMY-MAP1201HT7

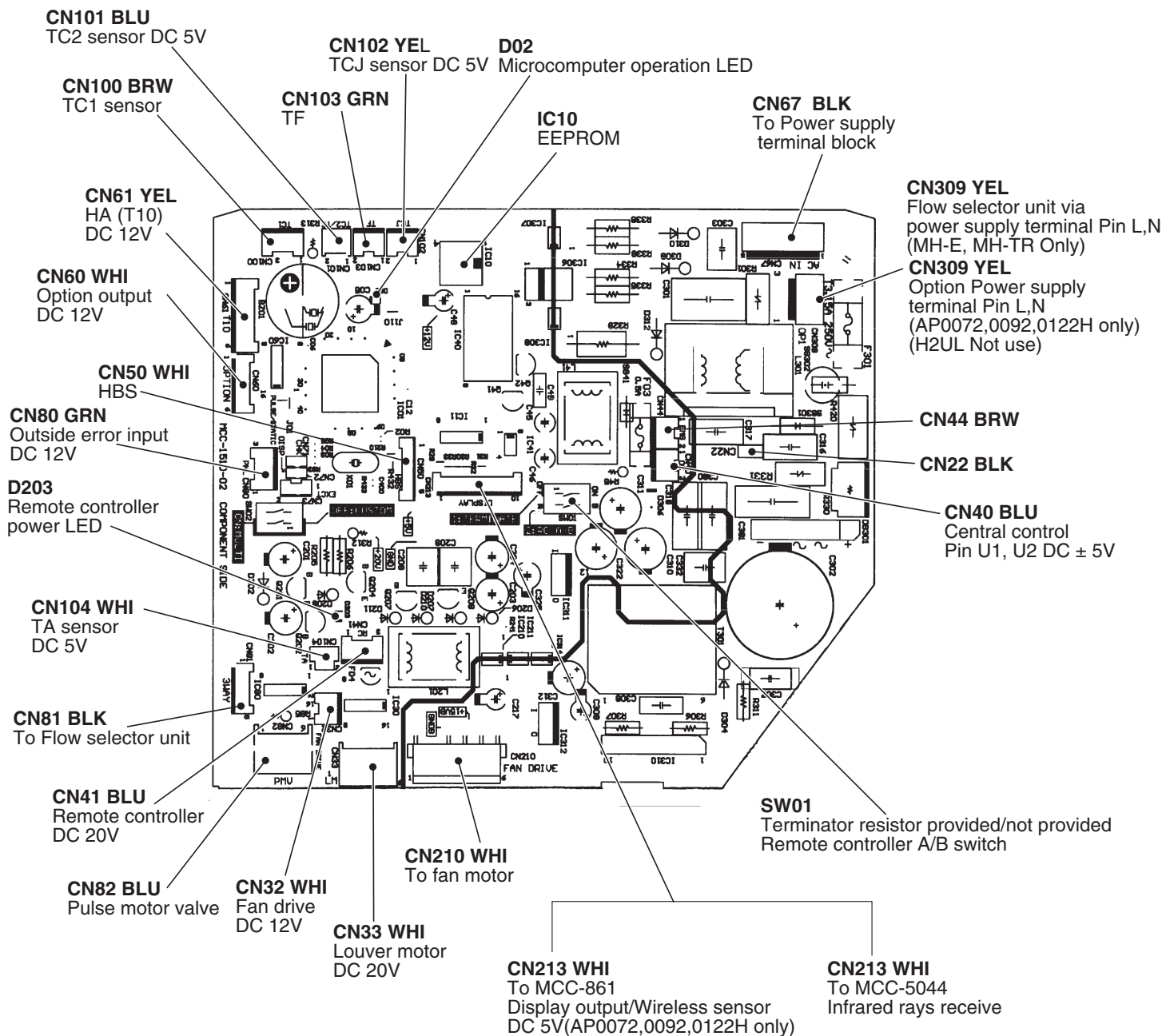
MMY-MAP0802FT8-E, MMY-MAP1002FT8-E, MMY-MAP1202FT8-E



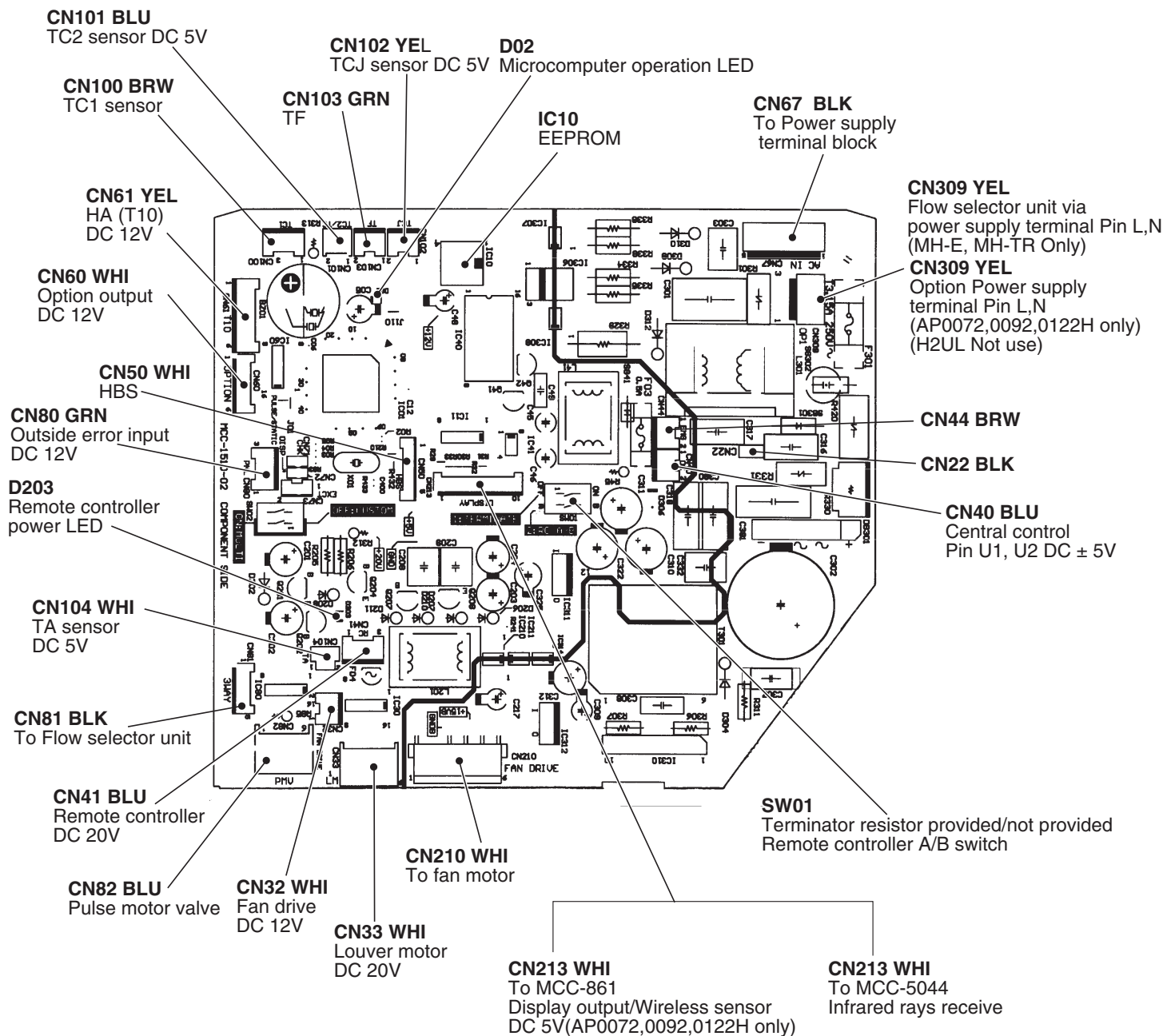
MMK-AP0073H, MMK-AP0093H, MMK-AP0123H, MMK-AP0153H, MMK-AP0183H,
MMK-AP0243H,
MMK-AP0073H-IN, MMK-AP0093H-IN, MMK-AP0123H-IN, MMK-AP0153H-IN,
MMK-AP0183H-IN, MMK-AP0243H-IN



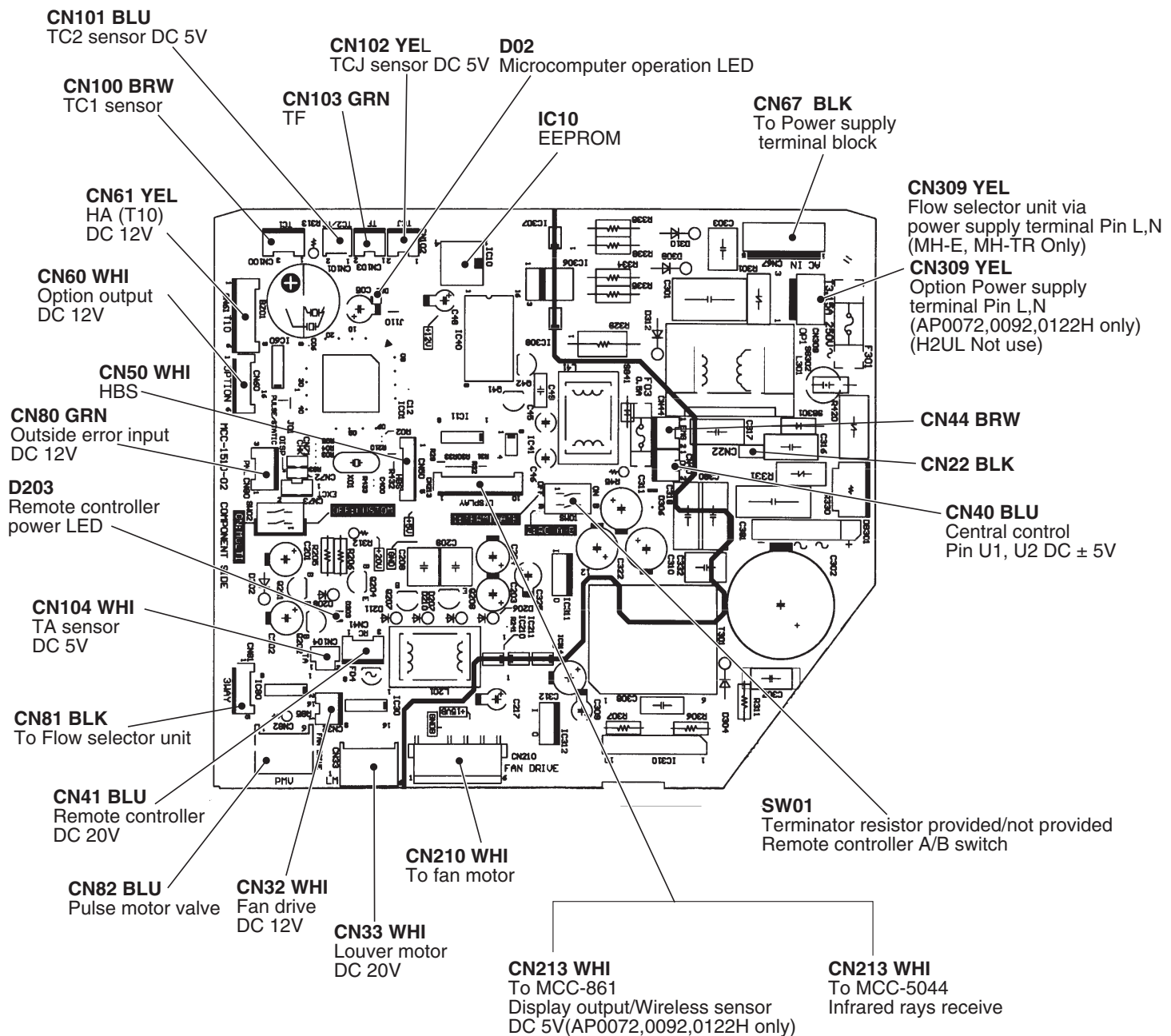
MMK-AP0072H, MMK-AP0092H, MMK-AP0122H



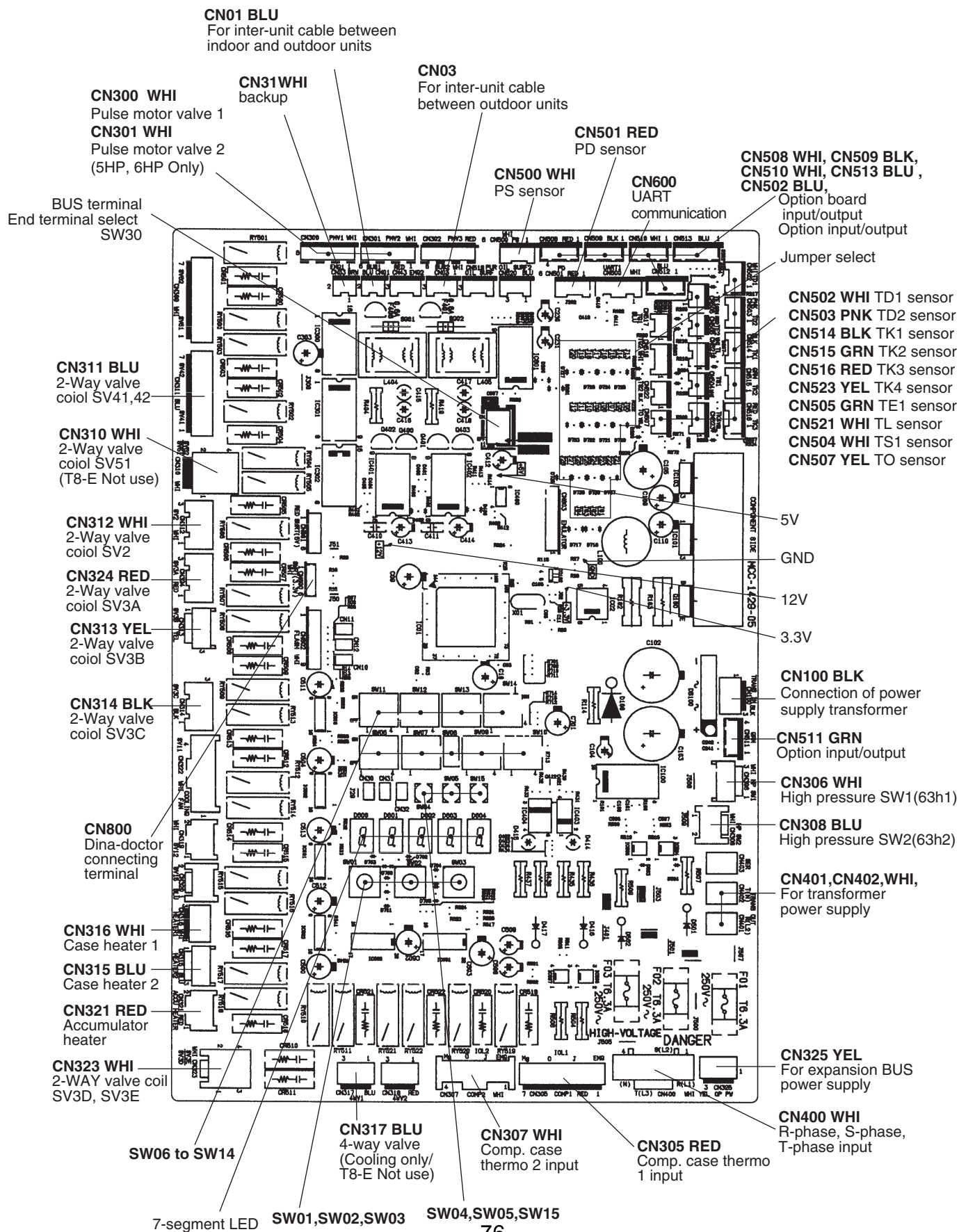
MMK-AP0073H2UL, MMK-AP0093H2UL, MMK-AP0123H2UL, MMK-AP0153H2UL,
MMK-AP0183H2UL, MMK-AP0243H2UL



MMK-AP0074MH-E, MMK-AP0094MH-E, MMK-AP0124MH-E
 MMK-AP0074MH-TR, MMK-AP0094MH-TR, MMK-AP0124MH-TR



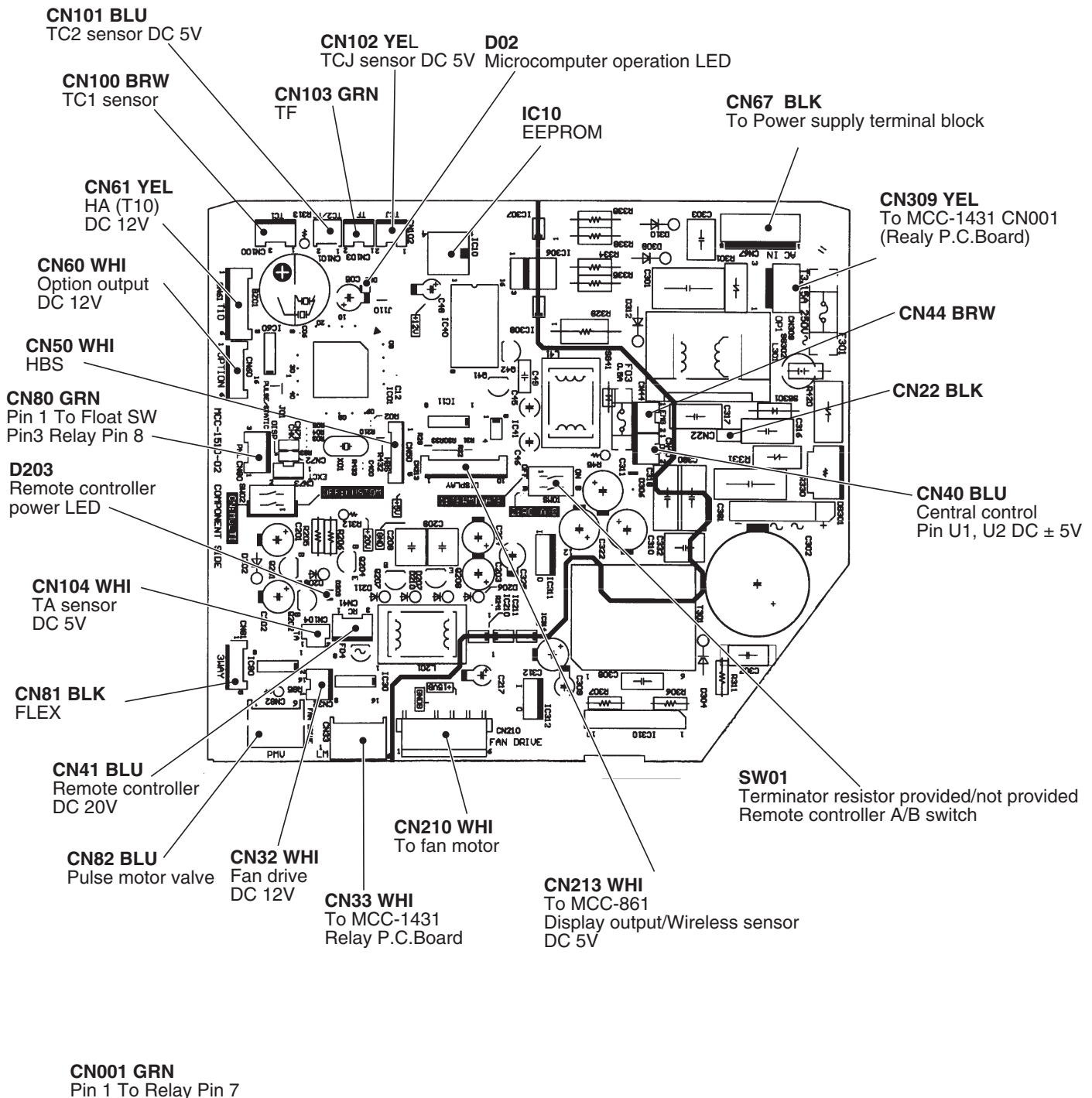
MMY-MAP0501HT7, MMY-MAP0601HT7, MMY-MAP0801HT7, MMY-MAP0101HT7
 MMY-MAP0501T8, MMY-MAP0601T8, MMY-MAP0801T8, MMY-MAP1001T8, MMY-MAP1201T8
 MMY-MAP0501HT8, MMY-MAP0601HT8, MMY-MAP0801HT8, MMY-MAP1001VT8,
 MMY-MAP1201HT8



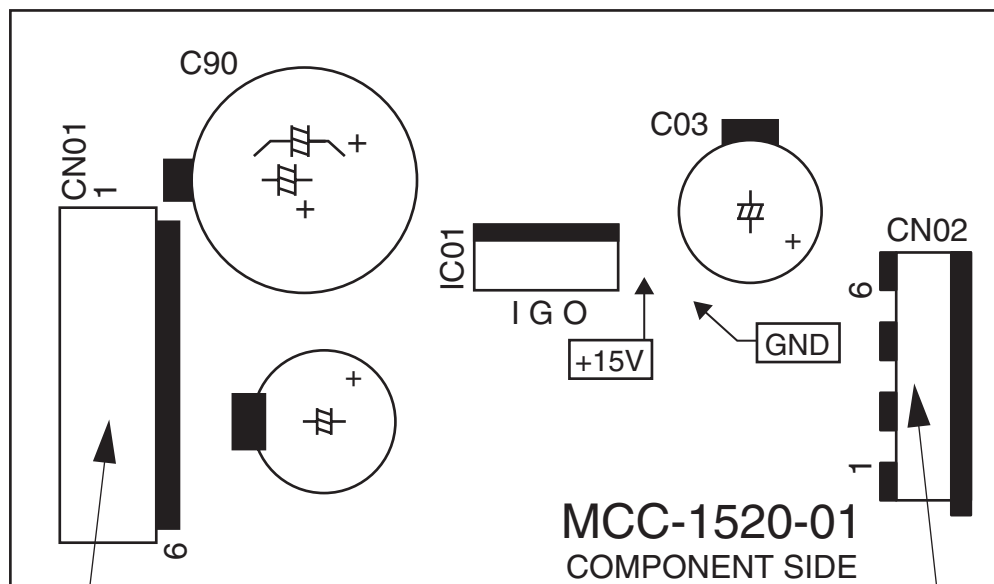
MCC-1510

Part No. 4316V483

MMD-AP0074BH2UL, MMD-AP0094BH2UL, MMD-AP0124BH2UL, MMD-AP0154BH2UL
MMD-AP0184BH2UL, MMD-AP0214BH2UL, MMD-AP0244BH2UL, MMD-AP0304BH2UL
MMD-AP0364BH2UL, MMD-AP0424BH2UL, MMD-AP0484BH2UL



MMU-AP0071WH, MMU-AP0091WH, MMU-AP0121WH, MMU-AP0151WH, MMU-AP0181WH,
MMU-AP0241WH, MMU-AP0271WH, MMU-AP0301WH, MMU-AP0481WH (CHINA market only)
MMU-AP0071YH, MMU-AP0091YH, MMU-AP0121YH,
MMU-AP0151SH, MMU-AP0181SH, MMU-AP0241SH
MMD-AP0181H, MMD-AP0241H, MMD-AP0271H, MMD-AP0361H, MMD-AP0481H,
MMD-AP0721H, MMD-AP0961H
MML-AP0071H, MML-AP0091H, MML-AP0121H, MML-AP0151H, MML-AP0181H,
MML-AP0241H
MML-AP0071BH, MML-AP0091BH, MML-AP0121BH, MML-AP0151BH, MML-AP0181BH,
MML-AP0241BH
MMF-AP0151H, MMF-AP0181H, MMF-AP0241H, MMF-AP0271H, MMF-AP0361H,
MMF-AP0481H, MMF-AP0561H
MMD-AP0304H2UL, MMD-AP0364H2UL, MMD-AP0484H2UL

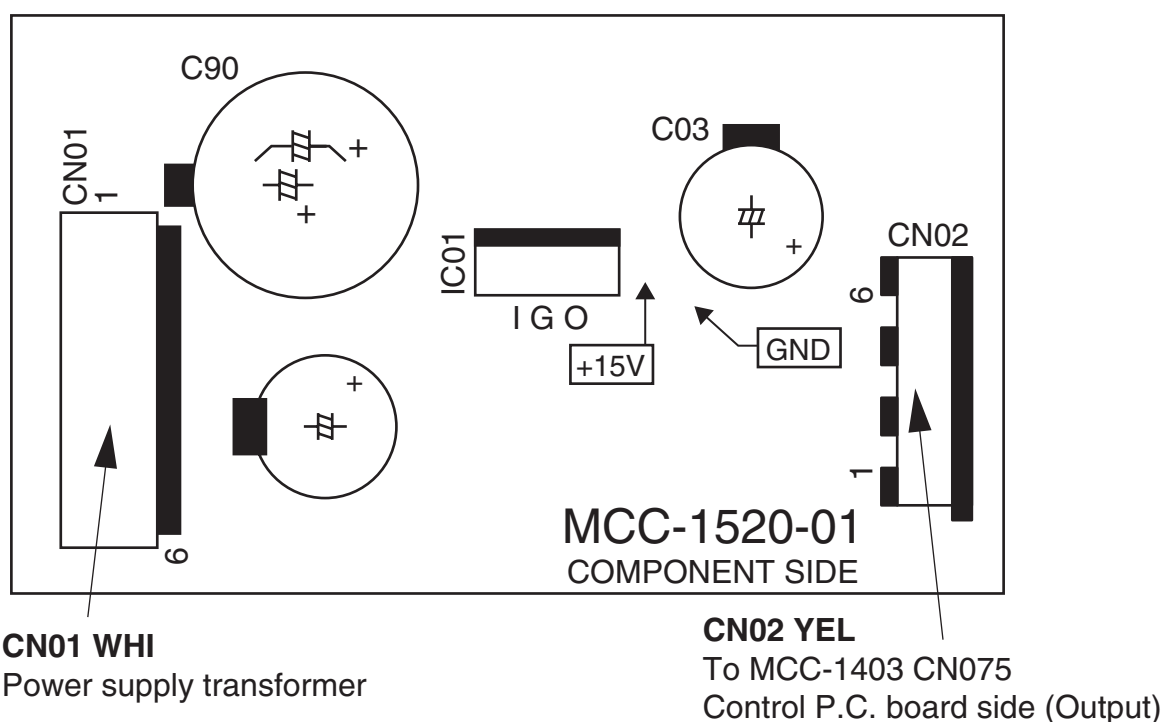


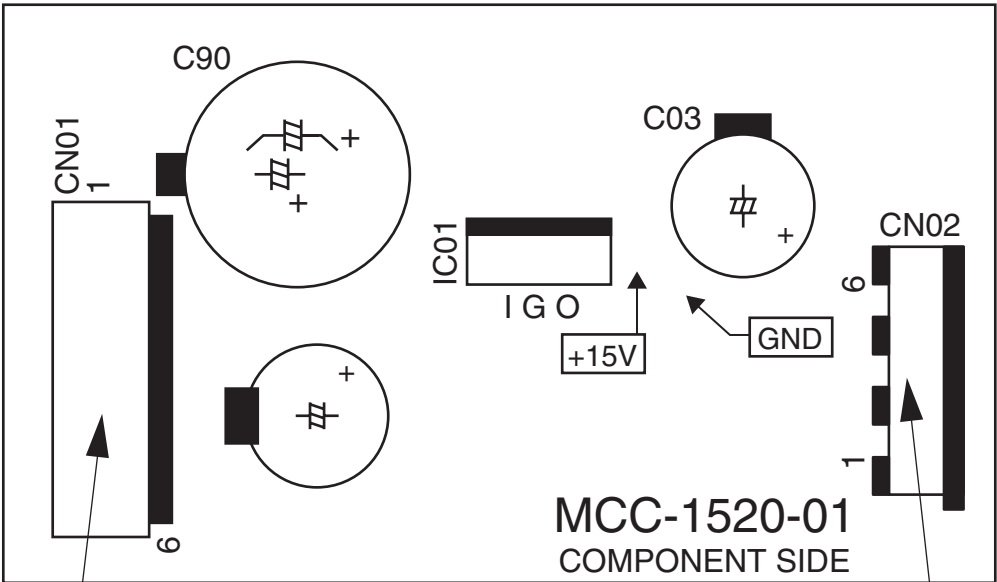
CN01 WHI
Power supply transformer

CN02 YEL
To MCC-1403 CN075
Control P.C. board side (Output)

Part No. 4316V345

MMU-AP0071YH-K, MMU-AP0091YH-K, MMU-AP0121YH-K,
MMD-AP0181H-K, MMD-AP0241H-K, MMD-AP0271H-K, MMD-AP0361H-K, MMD-AP0481H-K,
MMD-AP0721H-K, MMD-AP0961H-K
MML-AP0071HFE-K, MML-AP0091HFE-K, MML-AP0121HFE-K, MML-AP0151H,
MML-AP0181HFE-K, MML-AP0241HFE-K
MML-AP0071H-K, MML-AP0091H-K, MML-AP0121H-K, MML-AP0151H-K, MML-AP0181H-K,
MML-AP0241H-K
MML-AP0071BH-K, MML-AP0091BH-K, MML-AP0121BH-K, MML-AP0151BH-K,
MML-AP0181BH-K, MML-AP0241BH-K
MMF-AP0151H-K, MMF-AP0181H-K, MMF-AP0241H-K, MMF-AP0271H-K, MMF-AP0361H-K,
MMF-AP0481H-K, MMF-AP0561H-K





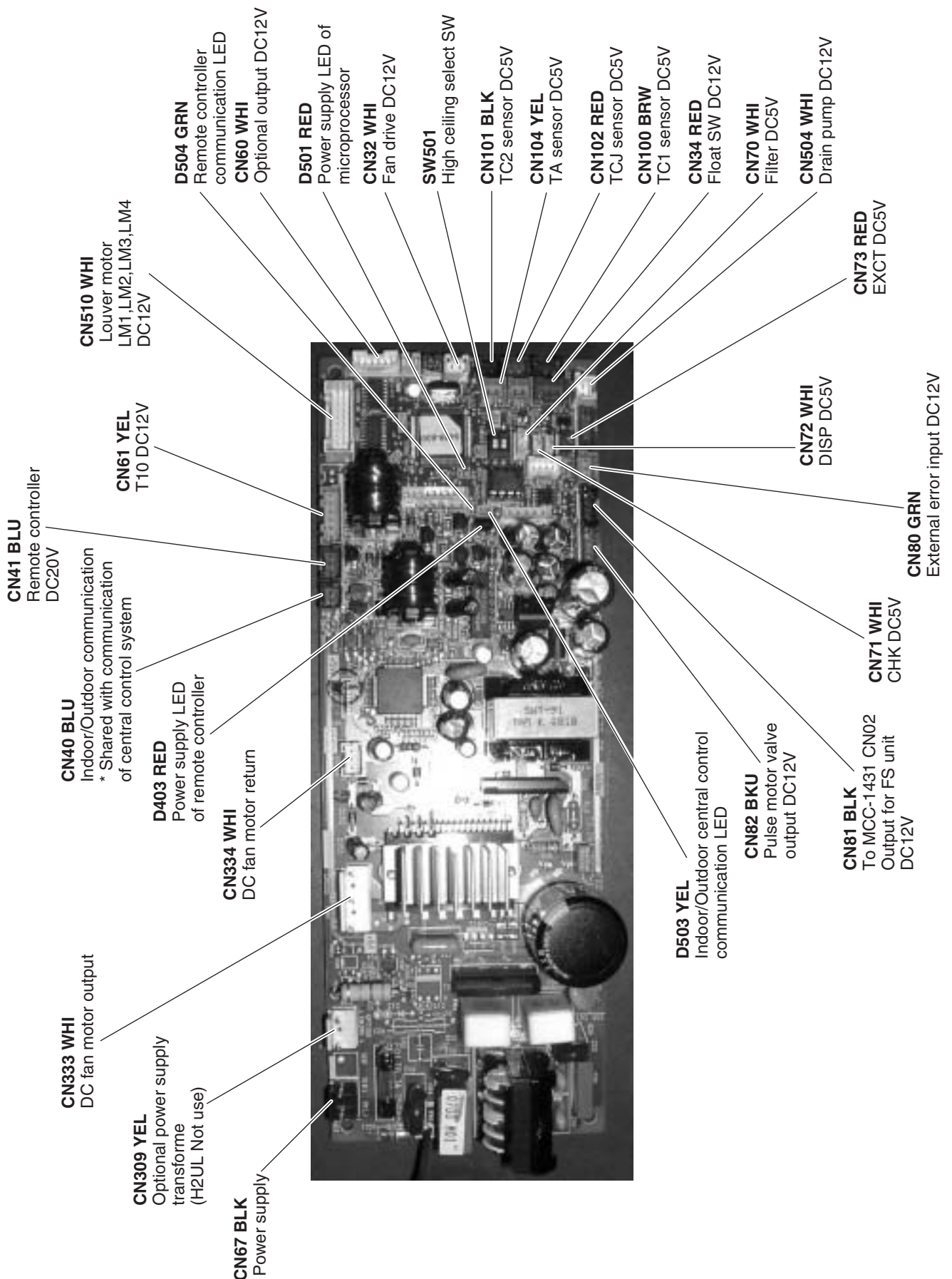
CN01 WHI
Power supply transformer

CN02 YEL
To MCC-1403 CN075
Control P.C. board side (Output)

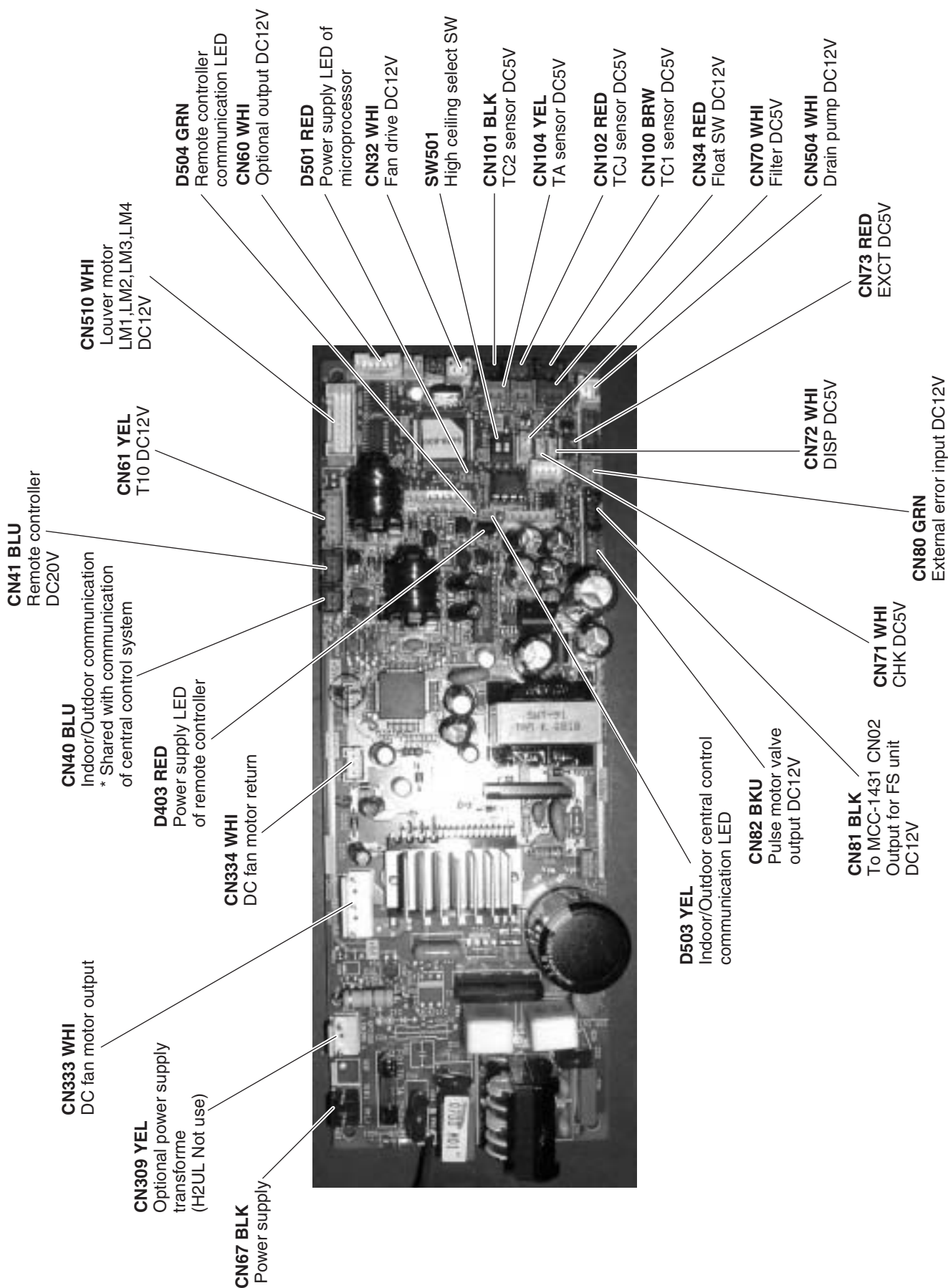
MCC-1570

Part No. 4316V379

MMU-AP0092H, MMU-AP0122H, MMU-AP0152H, MMU-AP0182H, MMU-AP0242H,
MMU-AP0272H, MMU-AP0302H, MMU-AP0362H, MMU-AP0482H, MMU-AP0562H,
MMU-AP0092H-K, MMU-AP0122H-K, MMU-AP0152H-K, MMU-AP0182H-K, MMU-AP0242H-K,
MMU-AP0272H-K, MMU-AP0302H-K, MMU-AP0362H-K, MMU-AP0482H-K, MMU-AP0562H-K



MMU-AP0182H2UL, MMU-AP0212H2UL, MMU-AP0242H2UL, MMU-AP0302H2UL,
MMU-AP0362H2UL, MMU-AP0422H2UL



MCC-1429**Part No. 4316V307**

MCY-MAP0401HT, MCY-MAP0401HTZ
MCY-MAP0501HT, MCY-MAP0501HTZ, MCY-MAP0501HTZG
MCY-MAP0601HT, MCY-MAP0601HTZ, MCY-MAP0601HTZG
MCY-MAP0401HT2D, MCY-MAP0401HT2DZ, MCY-MAP0401HT2DZG
MCY-MAP0501HT2D, MCY-MAP0501HT2DZ, MCY-MAP0501HT2DZG
MCY-MAP0601HT2D, MCY-MAP0601HT2DZ, MCY-MAP0601HT2DZG
MCY-MAP0401HT2K, MCY-MAP0501HT2K, MCY-MAP0601HT2K

MCC-1531**Part No. 4316V333**

MCY-MAP0401HT, MCY-MAP0401HTZ
MCY-MAP0501HT, MCY-MAP0501HTZ, MCY-MAP0501HTZG
MCY-MAP0601HT, MCY-MAP0601HTZ, MCY-MAP0601HTZG
MCY-MAP0401HT2D, MCY-MAP0401HT2DZ, MCY-MAP0401HT2DZG
MCY-MAP0501HT2D, MCY-MAP0501HT2DZ, MCY-MAP0501HT2DZG
MCY-MAP0601HT2D, MCY-MAP0601HT2DZ, MCY-MAP0601HT2DZG
MCY-MAP0401HT2K, MCY-MAP0501HT2K, MCY-MAP0601HT2K

MCC-1535**Part No. 4316V308**

MCY-MAP0401HT, MCY-MAP0401HTZ, MCY-MAP0401HTZG
MCY-MAP0501HT, MCY-MAP0501HTZ, MCY-MAP0501HTZG
MCY-MAP0601HT, MCY-MAP0601HTZ, MCY-MAP0601HTZG
MCY-MAP0401HT2D, MCY-MAP0401HT2DZ, MCY-MAP0401HT2DZG
MCY-MAP0501HT2D, MCY-MAP0501HT2DZ, MCY-MAP0501HT2DZG
MCY-MAP0601HT2D, MCY-MAP0601HT2DZ, MCY-MAP0601HT2DZG
MCY-MAP0401HT2K, MCY-MAP0501HT2K, MCY-MAP0601HT2K

MCC-1551**Part No. 4316V309**

MCY-MAP0401HT, MCY-MAP0401HTZ
MCY-MAP0501HT, MCY-MAP0501HTZ, MCY-MAP0501HTZG
MCY-MAP0601HT, MCY-MAP0601HTZ, MCY-MAP0601HTZG
MCY-MAP0401HT2D, MCY-MAP0401HT2DZ, MCY-MAP0401HT2DZG
MCY-MAP0501HT2D, MCY-MAP0501HT2DZ, MCY-MAP0501HT2DZG
MCY-MAP0601HT2D, MCY-MAP0601HT2DZ, MCY-MAP0601HT2DZG
MCY-MAP0401HT2K, MCY-MAP0501HT2K, MCY-MAP0601HT2K

MCC-1596**Part No. 4316V471**

MCY-MAP0604HT7, MCY-MAP0804HT7, MCY-MAP0604HT7ZG, MCY-MAP0804HT7ZG
MCY-MAP0604HT8, MCY-MAP0804HT8, MCY-MAP0604HT8ZG, MCY-MAP0804HT8ZG

MCC-1597**Part No. 4316V472**

MCY-MAP0604HT7, MCY-MAP0804HT7, MCY-MAP0604HT7ZG, MCY-MAP0804HT7ZG
MCY-MAP0604HT8, MCY-MAP0804HT8, MCY-MAP0604HT8ZG, MCY-MAP0804HT8ZG

MCC-1600**Part No. 4316V473**

MCY-MAP0604HT7, MCY-MAP0804HT7, MCY-MAP0604HT7ZG, MCY-MAP0804HT7ZG
MCY-MAP0604HT8, MCY-MAP0804HT8, MCY-MAP0604HT8ZG, MCY-MAP0804HT8ZG

MCC-1606**Part No. 4316V470**

MCY-MAP0604HT7, MCY-MAP0804HT7, MCY-MAP0604HT7ZG, MCY-MAP0804HT7ZG
MCY-MAP0604HT8, MCY-MAP0804HT8, MCY-MAP0604HT8ZG, MCY-MAP0804HT8ZG

MCC-1429

Part No. 4316V307

MCY-MAP0401HT, MCY-MAP0401HTZ

MCY-MAP0501HT, MCY-MAP0501HTZ, MCY-MAP0501HTZG

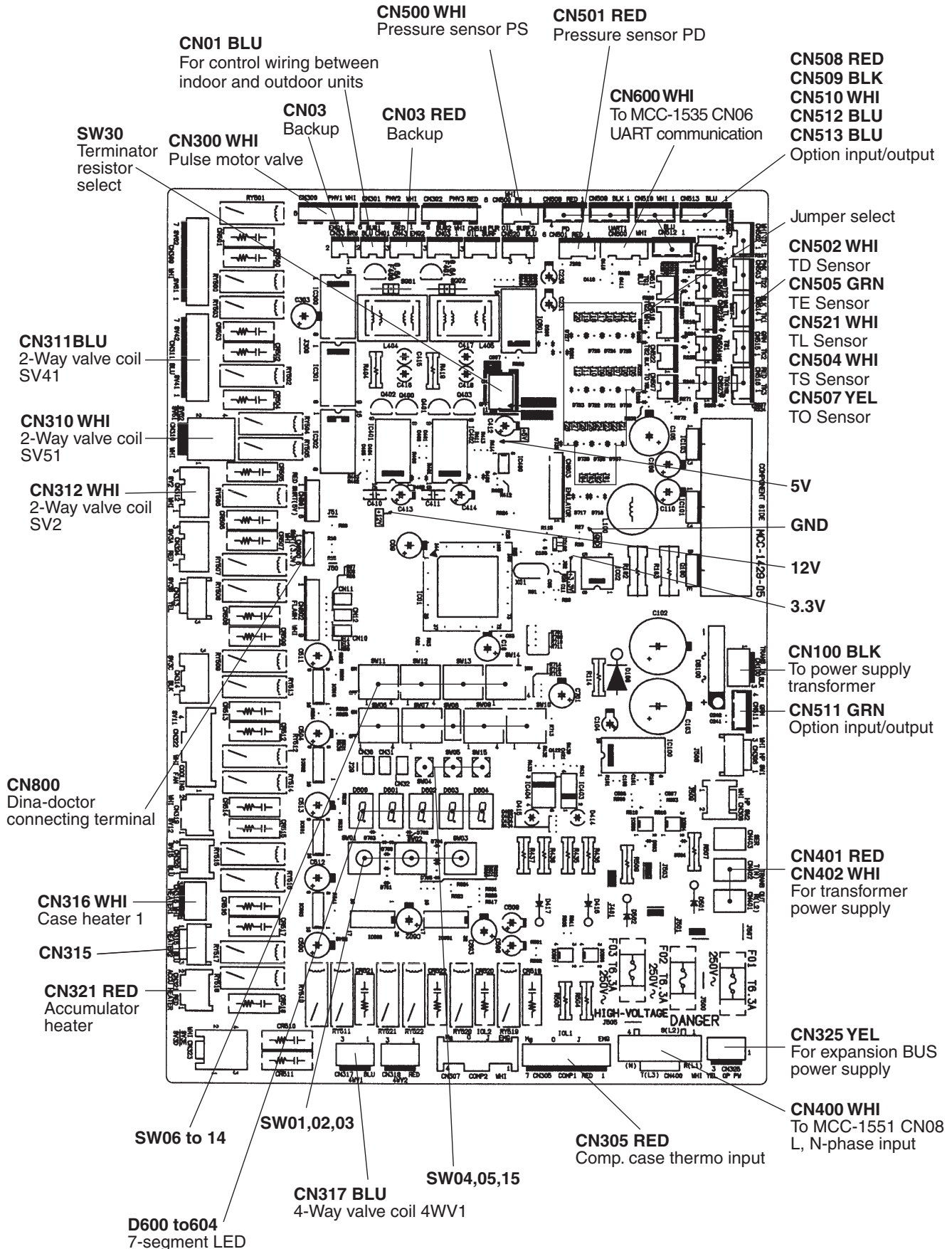
MCY-MAP0601HT, MCY-MAP0601HTZ, MCY-MAP0601HTZG

MCY-MAP0401HT2D, MCY-MAP0401HT2DZ, MCY-MAP0401HT2DZG

MCY-MAP0501HT2D, MCY-MAP0501HT2DZ, MCY-MAP0501HT2DZG

MCY-MAP0601HT2D, MCY-MAP0601HT2DZ, MCY-MAP0601HT2DZG

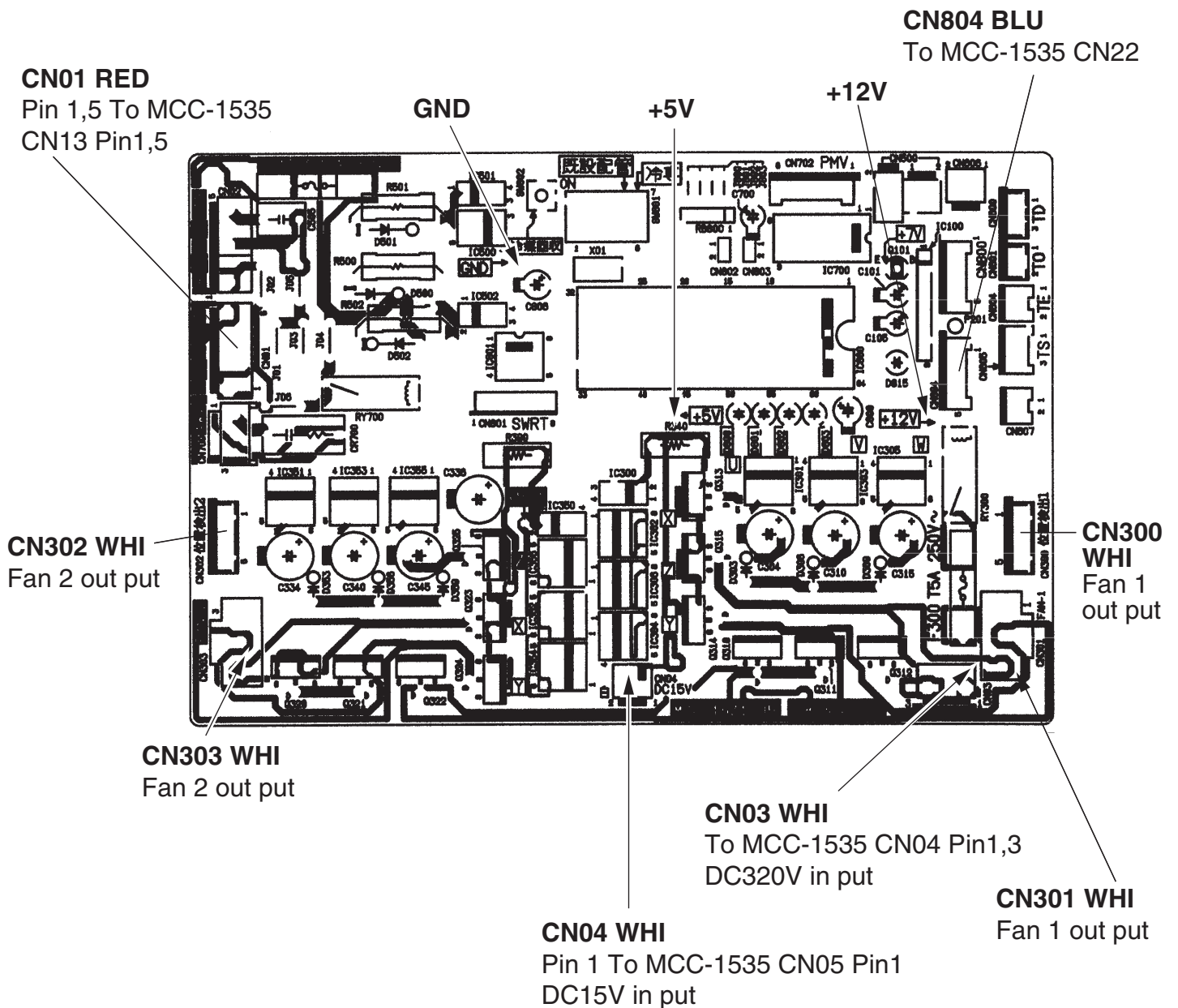
MCY-MAP0401HT2K, MCY-MAP0501HT2K, MCY-MAP0601HT2K



MCC-1531

Part No. 4316V333

MCY-MAP0401HT, MCY-MAP0401HTZ
 MCY-MAP0501HT, MCY-MAP0501HTZ, MCY-MAP0501HTZG
 MCY-MAP0601HT, MCY-MAP0601HTZ, MCY-MAP0601HTZG
 MCY-MAP0401HT2D, MCY-MAP0401HT2DZ, MCY-MAP0401HT2DZG
 MCY-MAP0501HT2D, MCY-MAP0501HT2DZ, MCY-MAP0501HT2DZG
 MCY-MAP0601HT2D, MCY-MAP0601HT2DZ, MCY-MAP0601HT2DZG
 MCY-MAP0401HT2K, MCY-MAP0501HT2K, MCY-MAP0601HT2K



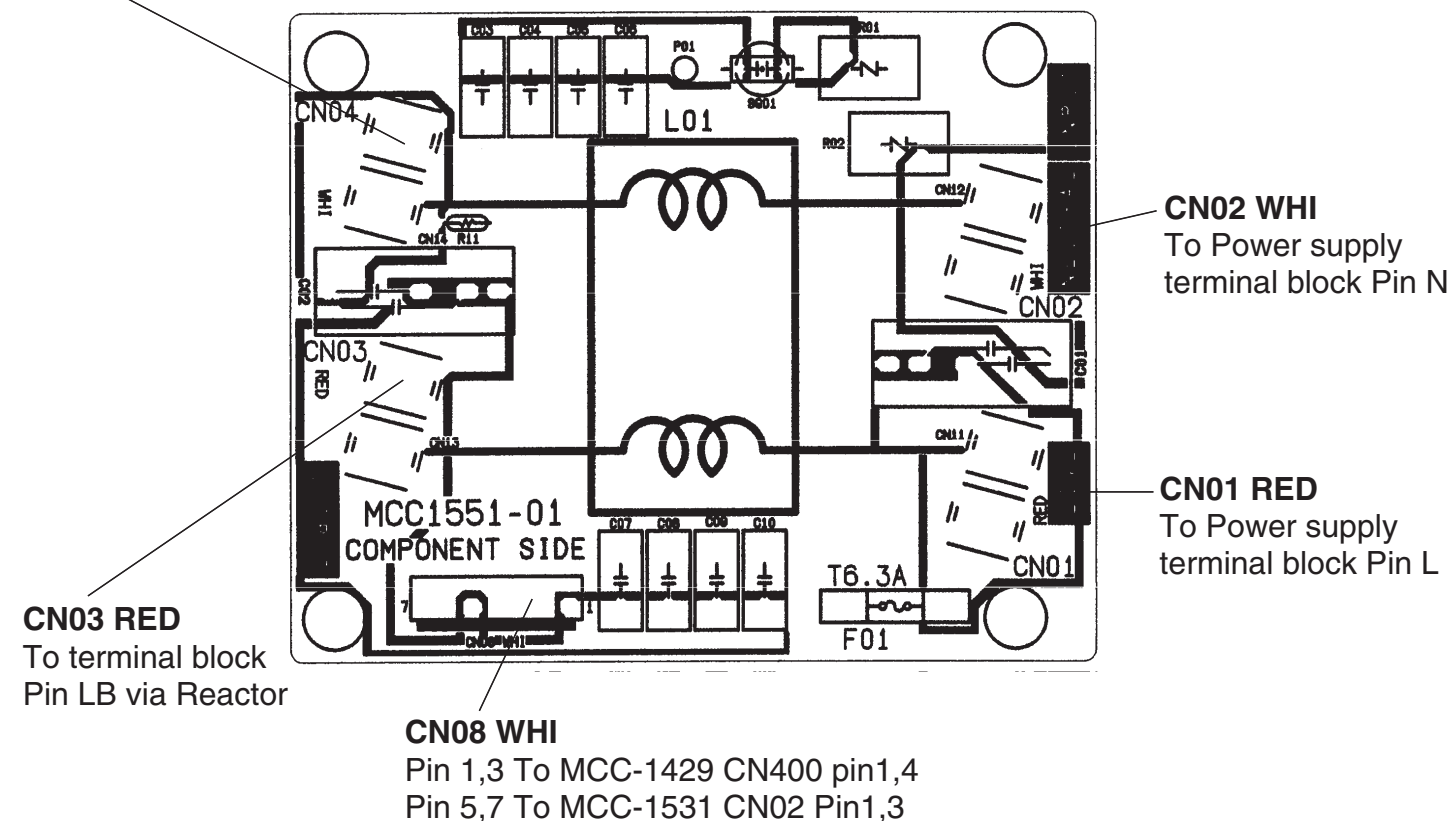
MCC-1535
MCY-MAP0401HT, MCY-MAP0401HTZ, MCY-MAP0401HTZG
MCY-MAP0501HT, MCY-MAP0501HTZ, MCY-MAP0501HTZG
MCY-MAP0601HT, MCY-MAP0601HTZ, MCY-MAP0601HTZG
MCY-MAP0401HT2D, MCY-MAP0401HT2DZ, MCY-MAP0401HT2DZG
MCY-MAP0501HT2D, MCY-MAP0501HT2DZ, MCY-MAP0501HT2DZG
MCY-MAP0601HT2D, MCY-MAP0601HT2DZ, MCY-MAP0601HT2DZG
MCY-MAP0401HT2K, MCY-MAP0501HT2K, MCY-MAP0601HT2K

Part No. 4316V308

MCY-MAP0401HT, MCY-MAP0401HTZ
 MCY-MAP0501HT, MCY-MAP0501HTZ, MCY-MAP0501HTZG
 MCY-MAP0601HT, MCY-MAP0601HTZ, MCY-MAP0601HTZG
 MCY-MAP0401HT2D, MCY-MAP0401HT2DZ, MCY-MAP0401HT2DZG
 MCY-MAP0501HT2D, MCY-MAP0501HT2DZ, MCY-MAP0501HT2DZG
 MCY-MAP0601HT2D, MCY-MAP0601HT2DZ, MCY-MAP0601HT2DZG
 MCY-MAP0401HT2K, MCY-MAP0501HT2K, MCY-MAP0601HT2K

CN04 WHI

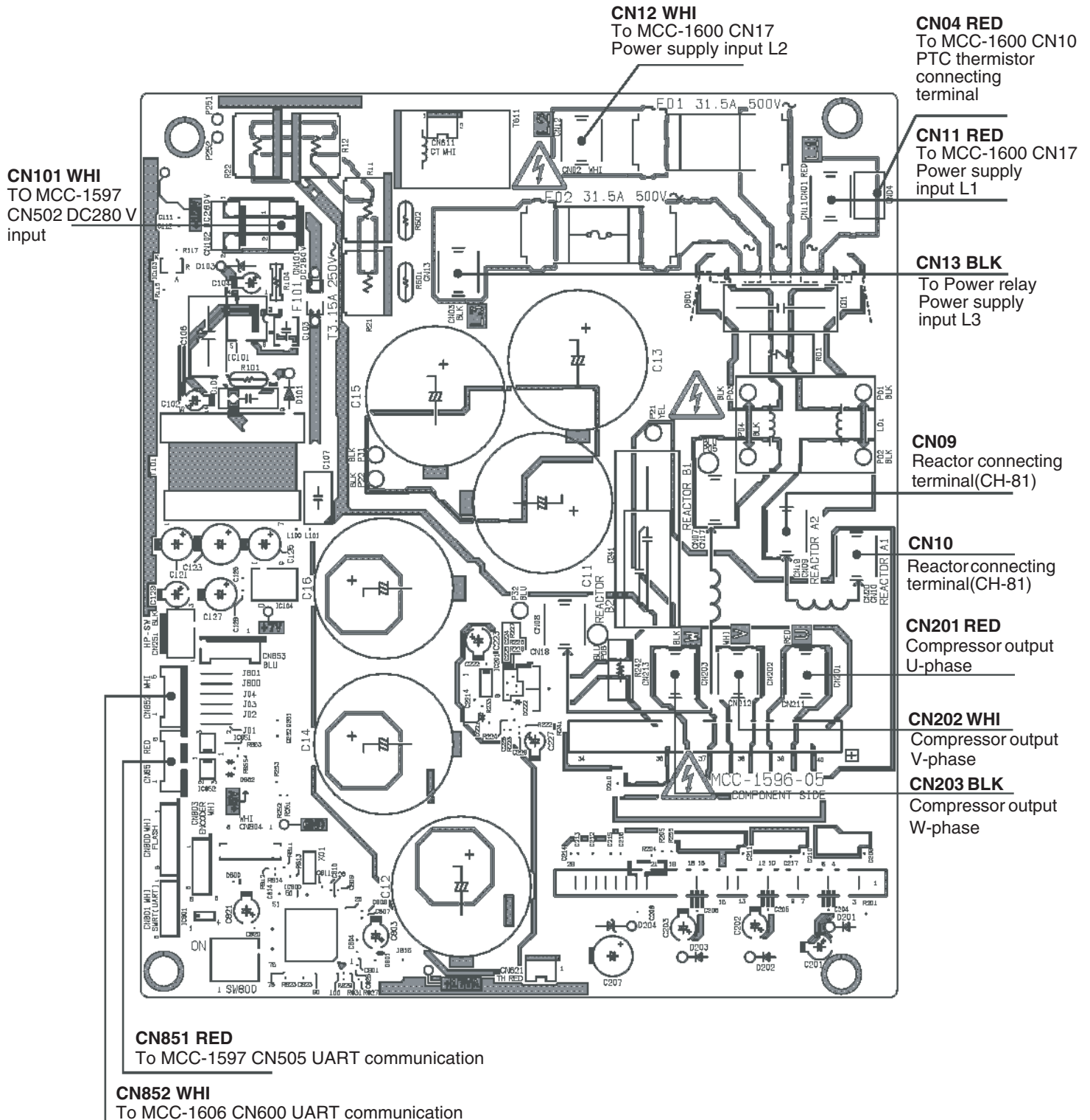
To terminal block
Pin NB via Reactor



MCC-1596

Part No. 4316V471

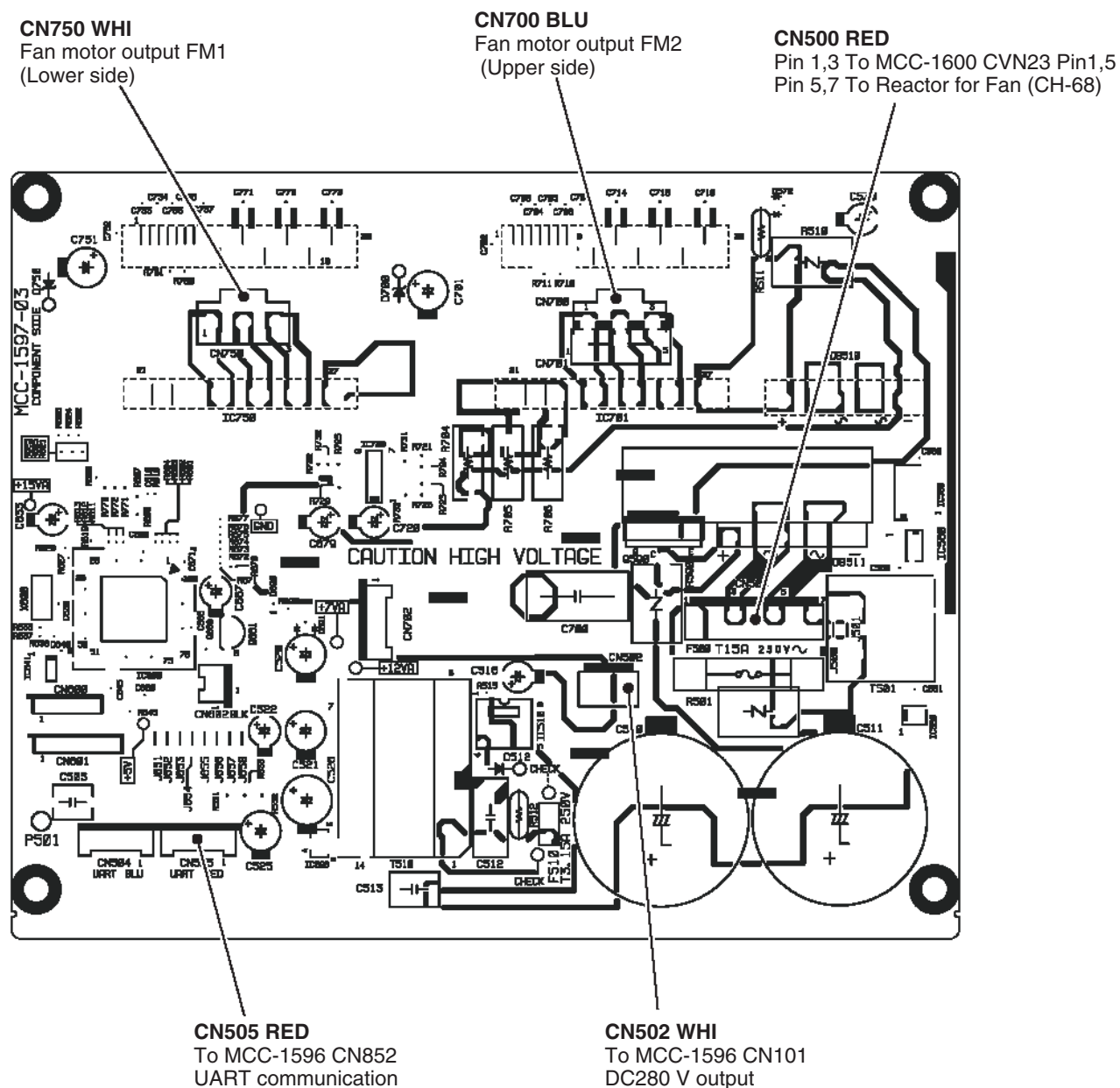
MCY-MAP0604HT7, MCY-MAP0804HT7, MCY-MAP0604HT7ZG, MCY-MAP0804HT7ZG
MCY-MAP0604HT8, MCY-MAP0804HT8, MCY-MAP0604HT8ZG, MCY-MAP0804HT8ZG



MCC-1597

Part No. 4316V472

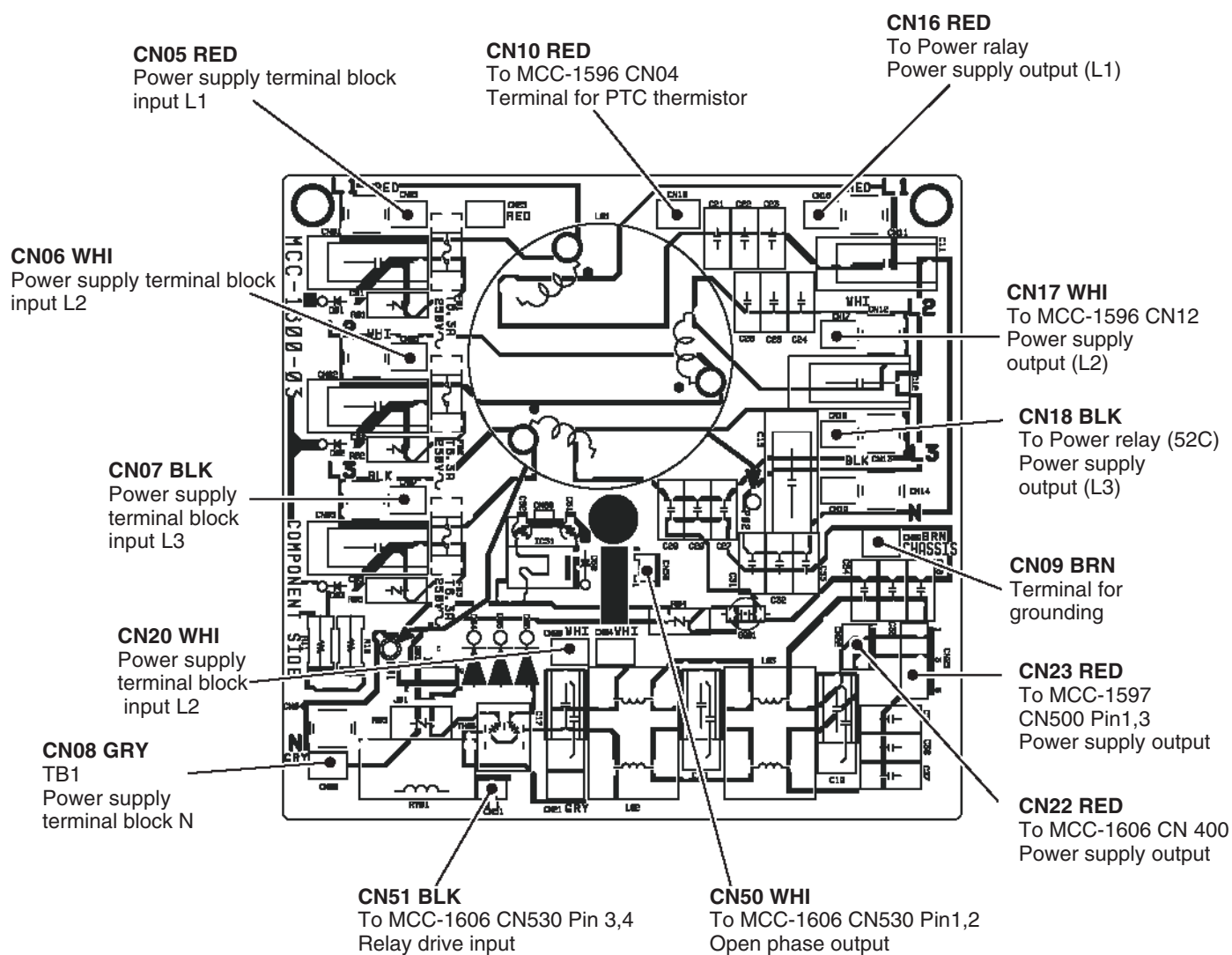
MCY-MAP0604HT7, MCY-MAP0804HT7, MCY-MAP0604HT7ZG, MCY-MAP0804HT7ZG
MCY-MAP0604HT8, MCY-MAP0804HT8, MCY-MAP0604HT8ZG, MCY-MAP0804HT8ZG



MCC-1600

Part No. 4316V473

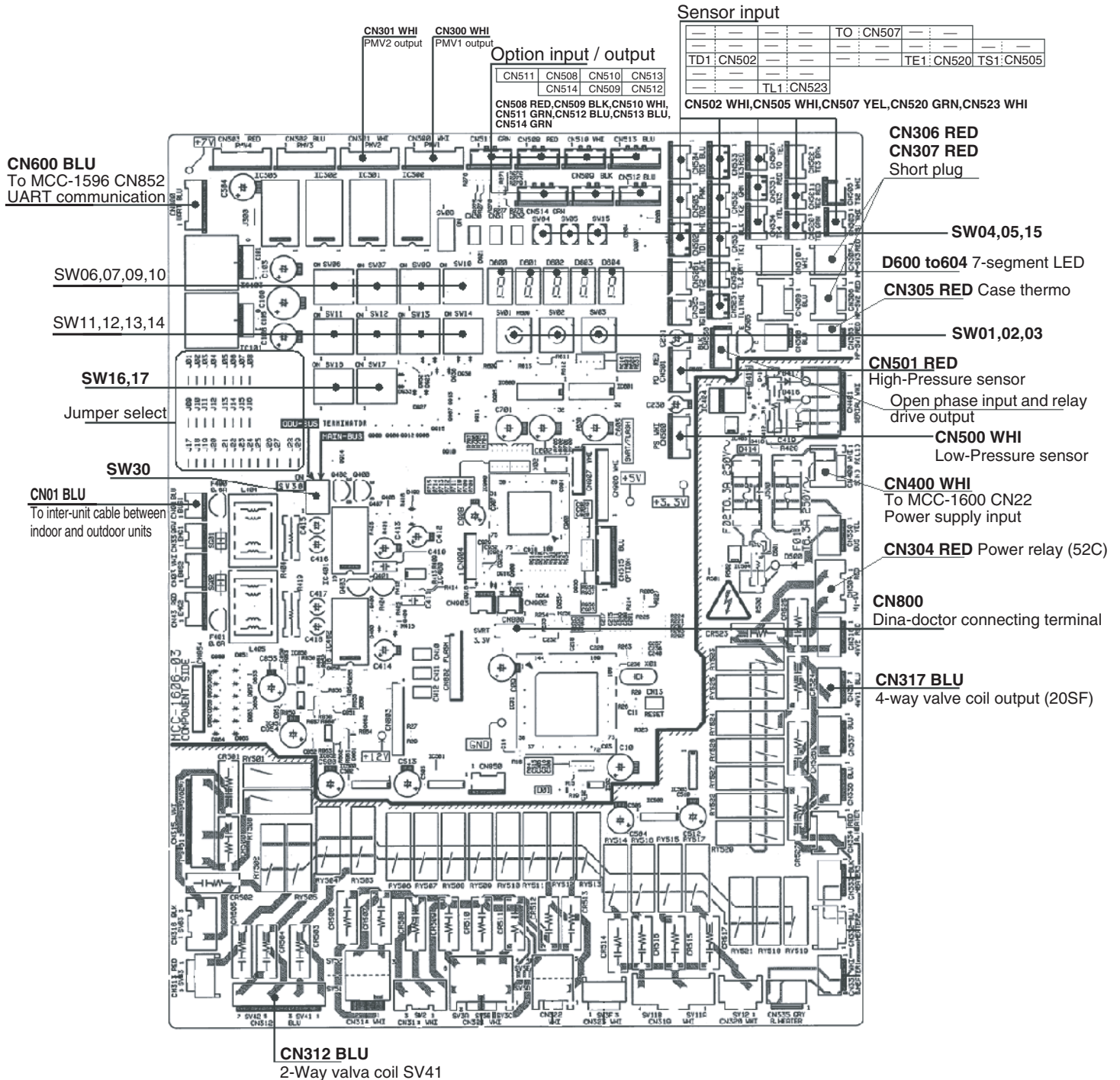
MCY-MAP0604HT7, MCY-MAP0804HT7, MCY-MAP0604HT7ZG, MCY-MAP0804HT7ZG
MCY-MAP0604HT8, MCY-MAP0804HT8, MCY-MAP0604HT8ZG, MCY-MAP0804HT8ZG



MCC-1606

Part No. 4316V470

MCY-MAP0604HT7, MCY-MAP0804HT7, MCY-MAP0604HT7ZG, MCY-MAP0804HT7ZG
MCY-MAP0604HT8, MCY-MAP0804HT8, MCY-MAP0604HT8ZG, MCY-MAP0804HT8ZG



MCC-1429**Part No. 4316V247**

MMY-MAP0801FT8, MMY-MAP1001FT8, MMY-MAP1201FT8

MCC-1431**Part No. 4316V238**

RBM-Y1121FE, RBM-Y1801FE, RBM-Y2802FT, RBM-Y1121F, RBM-Y1801F

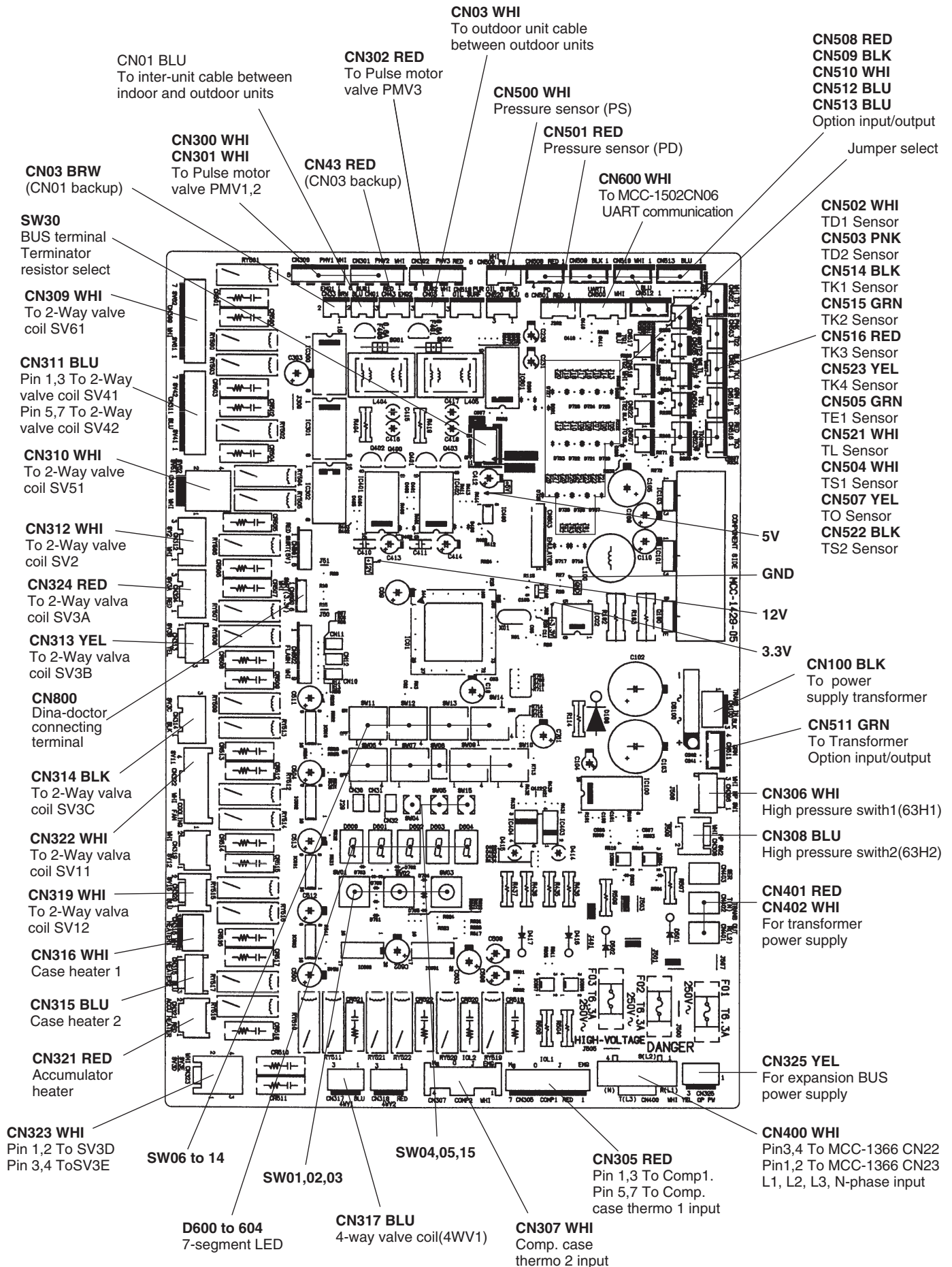
MCC-1502 [IPDU1, IPDU2]**Part No. 4316V377**

MMY-MASP0801FT8, MMY-MAP1001FT8 , MMY-MAP1201FT8

MCC-1439**Part No. 4316V378**

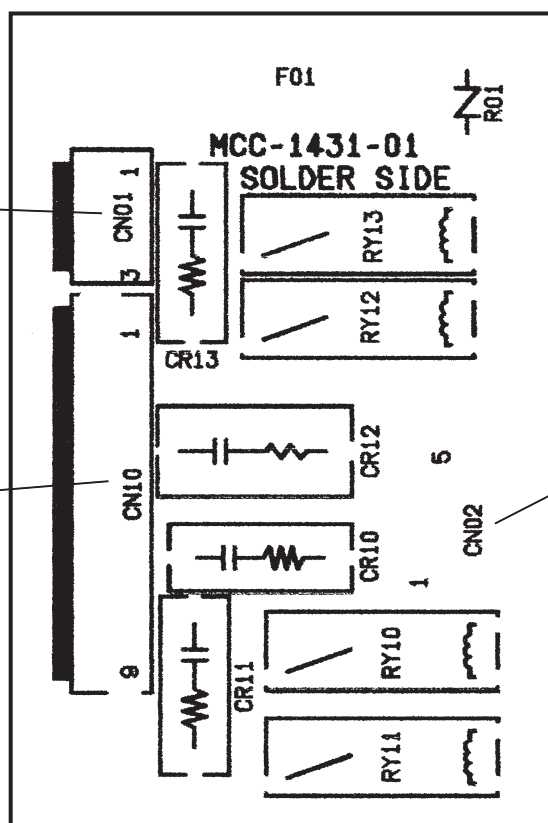
MMY-MAP0801FT8, MMY-MAP1001FT8, MMY-MAP1201FT8

MMY-MAP0801FT8, MMY-MAP1001FT8, MMY-MAP1201FT8

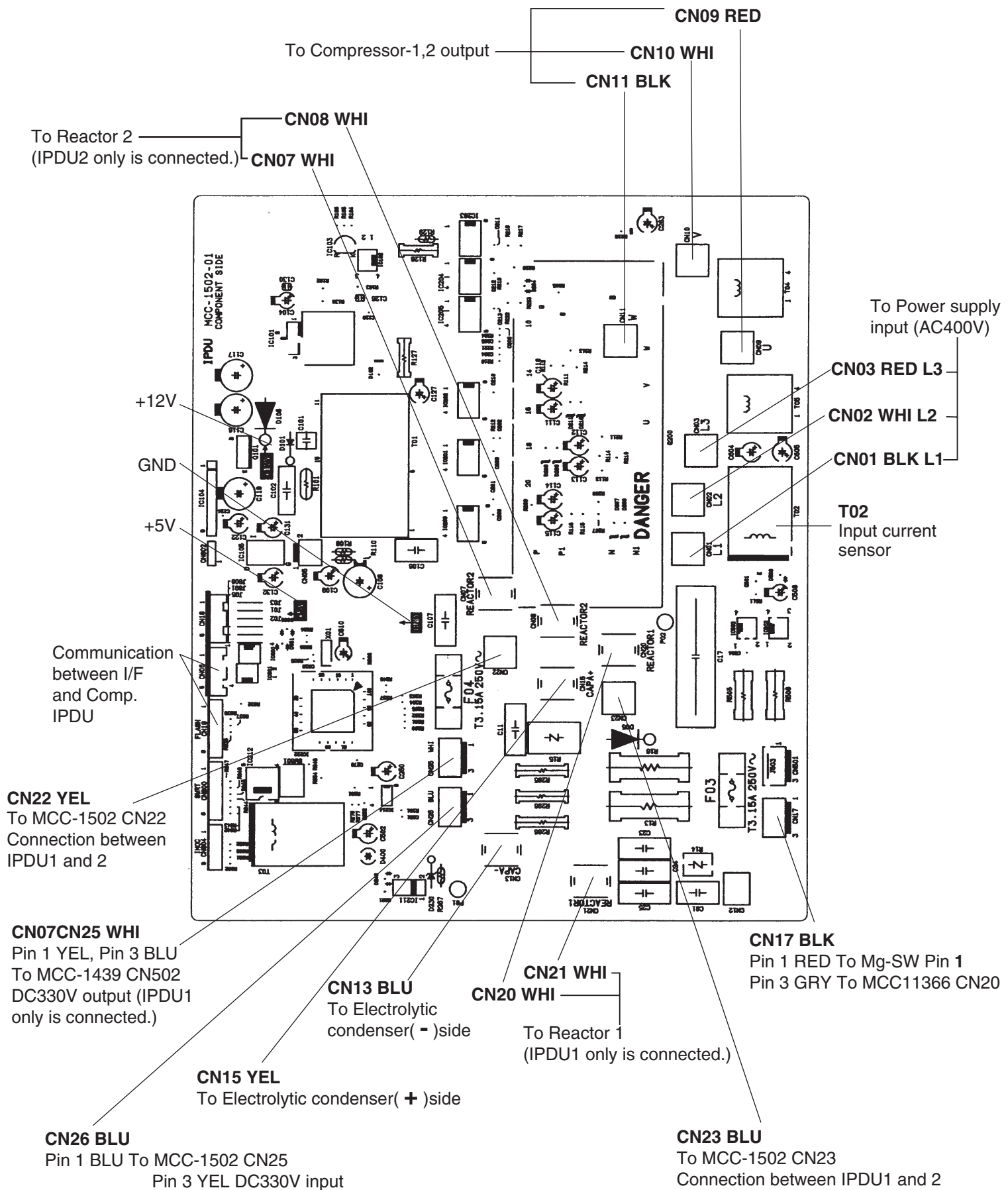


CN01 RED
To Power supply
terminal block
R(L), S(N)

CN10 WHI
Pin 1,3,5,7,9
To COM, SDVD, SVS,
SVDD,SVSS terminal block



CN02 GRN
To Control P.C.Board CN81



CN501 RED

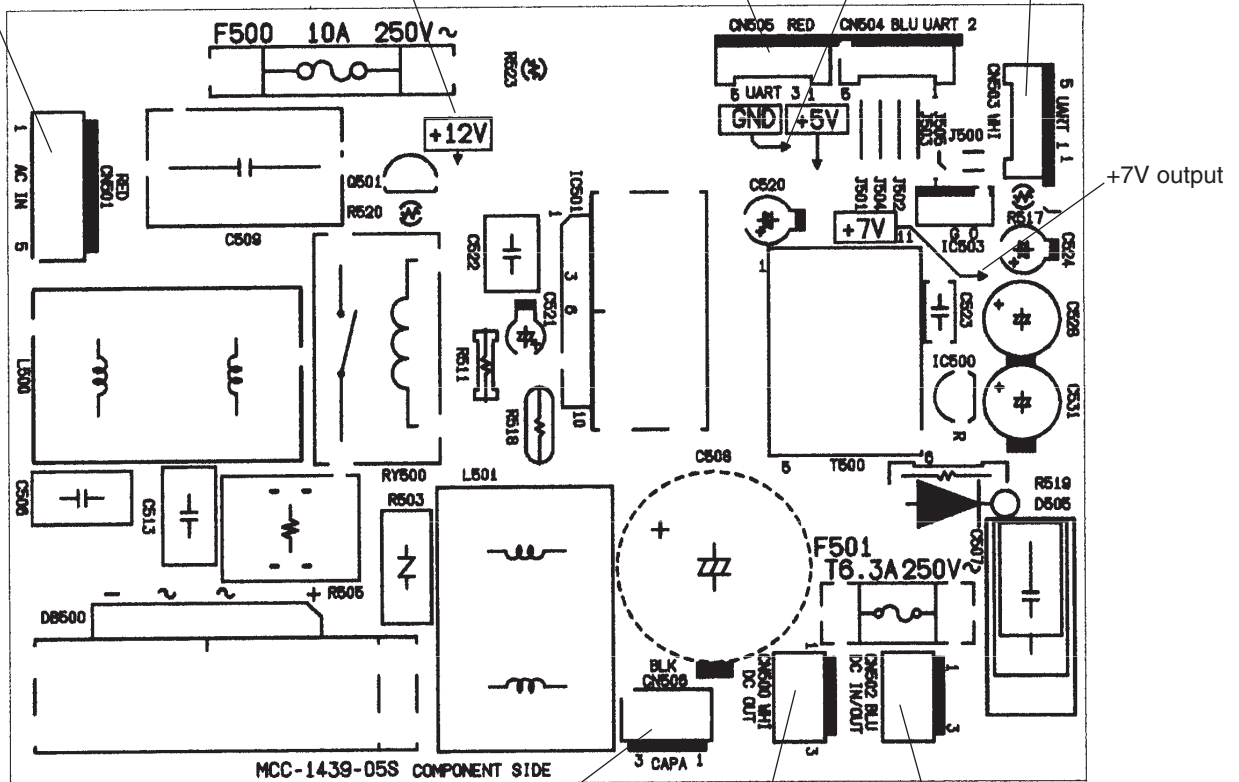
Pin 1 RED To MCC-1366 CN17
Pin 3 GRY To MCC-1366 CN20
AC230V input

CN505 RED

To MCC-1502 CN18
Communication between
I/F and fan IPDU

CN503 WHI

To MCC-896,897 CN01
Communication
between fan IPDU
Judgement
(+12V terminal ①—⑤)
(+7V terminal ②—⑤)

**CN506 BLK**

Pin 1 YEL To Electrolytic condenser +
Pin 3 BLU To Electrolytic condenser -

CN502 BLU

Pin 1 YEL To MCC-1502 CN25 Pin 1
Pin 3 BLU To MCC-1502 CN25 Pin 3
DC330V output (For Comp. IPDU)

CN500 WHI

Pin 1 YEL To MCC-896,897 Pin +
Pin 3 BLU To MCC-896,897 Pin -
DC330V output for fan IPDU
(Judgement : DC 180 — 370V)

MCC-1402**Part No.4316V437**

MMU-AP0072WH-K, MMU-AP0092WH-K, MMU-AP0122WH-K, MMU-AP0152WH-K,
MMU-AP0182WH-K, MMU-AP0242WH-K, MMU-AP00272WH-K, MMU-AP0302WH-K,
MMU-AP0362WH-K, MMU-AP0482WH-K, MMU-AP0562WH-K

MCC-1402**Part No. 4316V437**

MMC-AP0154H-E, MMC-AP0184H-E, MMC-AP0244H-E, MMC-AP0274H-E, MMC-AP0364H-E,
MMC-AP0484H-E, MMC-AP0154H-TR, MMC-AP0184H-TR, MMC-AP0244H-TR,
MMC-AP0274H-TR, MMC-AP0364H-TR, MMC-AP0484H-TR

MCC-1402**Part No. 4316V438**

MMD-AP0074BH-E, MMD-AP0094BH-E, MMD-AP0124BH-E, MMD-AP0154BH-E,
MMD-AP0184BH-E, MMD-AP0244BH-E, MMD-AP0274BH-E, MMD-AP0304BH-E,
MMD-AP0364BH-E, MMD-AP0484BH-E, MMD-AP0564BH-E, MMD-AP0074BH-TR,
MMD-AP0094BH-TR, MMD-AP0124BH-TR, MMD-AP0154BH-TR, MMD-AP0184BH-TR,
MMD-AP0244BH-TR, MMD-AP0274BH-TR, MMD-AP0304BH-TR, MMD-AP0364BH-TR,
MMD-AP0484BH-TR, MMD-AP0564BH-TR

MCC-1402**Part No. 4316V437**

MMD-AP0074SPH-E, MMD-AP0094SPH-E, MMD-AP0124SPH-E, MMD-AP0154SPH-E,
MMD-AP0184SPH-E, MMD-AP0074SPH-TR, MMD-AP0094SPH-TR, MMD-AP0124SPH-TR,
MMD-AP0154SPH-TR, MMD-AP0184SPH-TR

MCC-1403**Part No. 4316V502**

MMD-AP0304H2UL, MMD-AP0364H2UL, MMD-AP0484H2UL

MCC-1510**Part No.43T69926**

MMK-AP0074MH-E, MMK-AP0094MH-E, MMK-AP0124MH-E,
MMK-AP0074MH-TR, MMK-AP0094MH-TR, MMK-AP0124MH-TR

MCC-1403**Part No. 4316V444**

MMD-AP0184H-E, MMD-AP0244H-E, MMD-AP0274H-E, MMD-AP0364H-E, MMD-AP0484H-E
MMD-AP0184H-TR, MMD-AP0244H-TR, MMD-AP0274H-TR, MMD-AP0364H-TR,
MMD-AP0484H-TR, MMD-AP0724H-E, AP0964H-E, MMD-AP0724H-TR, MMD-AP0964H-TR

MCC-1403**Part No. 4316V469**

MML-AP0074H-E, MML-AP0094H-E, MML-AP0124H-E, MML-AP0154H-E, MML-AP0184H-E,
MML-AP0244H-E, MML-AP0074H-TR, MML-AP0094H-TR, MML-AP0124H-TR,
MML-AP0154H-TR, MML-AP0184H-TR, MML-AP0244H-TR

MCC-1403**Part No. 4316V444**

MML-AP0074BH-E, MML-AP0094BH-E, MML-AP0124BH-E, MML-AP0154BH-E,
MML-AP0184BH-E, MML-AP0244BH-E, MML-AP0074BH-TR, MML-AP0094BH-TR,
MML-AP0124BH-TR, MML-AP0154BH-TR, MML-AP0184BH-TR, MML-AP0244BH-TR,
MMF-AP0154H-E, MMF-AP0184H-E, MMF-AP0244H-E, MMF-AP0274H-E, MMF-AP0364H-E,
MMF-AP0484H-E

MCC-1595**Part No. 4316V421**

MMY-MAP0804HT5, MMY-MAP1004HT5, MMY-MAP1204HT5, MMY-MAP1404HT5,
MMY-MAP1604HT5, MMY-MAP0804HT5Z, MMY-MAP1004HT5Z, MMY-MAP1204HT5Z,
MMY-MAP1404HT5Z, MMY-MAP1604HT5Z, MMY-MAP0804HT5ZG, MMY-MAP1004HT5ZG,
MMY-MAP1204HT5ZG, MMY-MAP1404HT5ZG, MMY-MAP1604HT5ZG

MCC-1595**Part No. 4316V451**

MMY-MAP0724HT9UL, MMY-MAP0964HT9UL, MMY-MAP1144HT9UL

MCC-1595**Part No. 4316V451**

MMY-MAP0964HT9UL, MMY-MAP1144HT9UL

MCC-1596**Part No. 4316V441**

MMY-MAP0804HT8-E, MMY-MAP1004HT8-E, MMY-MAP1204HT8-E, MMY-MAP1404HT8-E,
MMY-MAP1604HT8-E, MMY-MAP0804HT8Z-E, MMY-MAP1004HT8Z-E, MMY-MAP1204HT8Z-E,
MMY-MAP1404HT8Z-E, MMY-MAP1604HT8Z-E, MMY-MAP0804HT8ZG-E,
MMY-MAP1004HT8ZG-E, MMY-MAP1204HT8ZG-E, MMY-MAP1404HTZG8-E,
MMY-MAP1604HT8ZG-E, MMY-MAP0804HT8-C, MMY-MAP1004HT8-C, MMY-MAP1204HT8-C,
MMY-MAP1404HT8-C, MMY-MAP1604HT8-C, MMY-MAP0804HT7K, MMY-MAP1004HT7K,
MMY-MAP1204HT7K, MMY-MAP1404HT7K, MMY-MAP1604HT7K, MMY-MAP0804HT7KZ,
MMY-MAP1004HT7KZ, MMY-MAP1204HT7KZ, MMY-MAP1404HT7KZ, MMY-MAP1604HT7KZ,
MMY-MAP0804HT7KZG, MMY-MAP1004HT7KZG, MMY-MAP1204HT7KZG,
MMY-MAP1404HT7LZG, MMY-MAP1604HT7KZG

MCC-1596-06**Part No. 4316V489**

MMY-MAP0724HT6UL

MCC-1596-06**Part No. 4316V489**

MMY-MAP0964HT6UL, MMY-MAP1144HT6UL

MCC-1606**Part No. 4316V420**

MMY-MAP0804HT8-E, MMY-MAP1004HT8-E, MMY-MAP1204HT8-E, MMY-MAP1404HT8-E,
MMY-MAP1604HT8-E, MMY-MAP0804HT8Z-E, MMY-MAP1004HT8Z-E, MMY-MAP1204HT8Z-E,
MMY-MAP1404HT8Z-E, MMY-MAP1604HT8V-E, MMY-MAP0804HT8ZG-E,
MMY-MAP1004HT8ZG-E, MMY-MAP1204HT8ZG-E, MMY-MAP1404HT8ZG-E,
MMY-MAP1604HT8ZG-E, MMY-MAP0804HT8-TR, MMY-MAP1004HT8-TR,
MMY-MAP1204HT8-TR, MMY-MAP1404HT8-TR, MMY-MAP1604HT8-TR
MMY-MAP0804HT8Z-TR, MMY-MAP1004HT8Z-TR, MMY-MAP1204HT8Z-TR,
MMY-MAP1404HT8Z-TR, MMY-MAP1604HT8Z-TR, MMY-MAP0804HT8ZG-TR,
MMY-MAP1004HT8ZG-TR, MMY-MAP1204HT8ZG-TR, MMY-MAP1404HT8ZG-TR,
MMY-MAP1604HT8ZG-TR, MMY-MAP0804HT8Z, MMY-MAP1004HT8Z,
MMY-MAP1204HT8Z, MMY-MAP1404HT8Z, MMY-MAP1604HT8Z, MMY-MAP0804HT8ZG,
MMY-MAP1004HT8ZG, MMY-MAP1204HT8ZG, MMY-MAP1404HT8ZG,
MMY-MAP1604HT8ZG, MMY-MAP0804HT7Z, MMY-MAP1004HT7Z,
MMY-MAP1204HT7Z, MMY-MAP1404HT7Z, MMY-MAP1604HT7Z, MMY-MAP0804HT7ZG,
MMY-MAP1004HT7ZG, MMY-MAP1204HT7ZG, MMY-MAP1404HT7ZG, MMY-
MAP1604HT7ZG, MMY-MAP0804HT7K, MMY-MAP1004HT7K, MMY-MAP1204HT7K,
MMY-MAP1404HT7K, MMY-MAP1604HT7K, MMY-MAP0804HT7KZ, MMY-MAP1004HT7KZ,
MMY-MAP1204HT7KZ, MMY-MAP1404HT7KZ, MMY-MAP1604HT7KZ,
MMY-MAP0804HT7KZG, MMY-MAP1004HT7KZG, MMY-MAP1204HT7KZG,
MMY-MAP1404HT7KZG, MMY-MAP1604HT7KZG

MCC-1606**Part No. 4316V450**

MMY-MAP0964HT9UL, MMY-MAP1144HT9UL

MCC-1606**Part No.4316V450**

MMY-MAP0724HT9UL

MCC-1606**Part No. 4316V420**

MMY-MAP0804HT5, MMY-MAP1004HT5, MMY-MAP1204HT5, MMY-MAP1404HT5,
MMY-MAP1604HT5, MMY-MAP0804HT5Z, MMY-MAP1004HT5Z, MMY-MAP1204HT5Z,
MMY-MAP1404HT5Z, MMY-MAP1604HT5Z, MMY-MAP0804HT5ZG, MMY-MAP1004HT5ZG,
MMY-MAP1204HT5ZG, MMY-MAP1404HT5ZG, MMY-MAP1604HT5ZG

MCC-1606**Part No. 4316V450**

MMY-MAP0724HT9UL, MMY-MAP0964HT9UL, MMY-MAP1144HT9UL

MCC-1608A, MCC-1608B**Part No. 4316V440**

MMY-MAP0804HT8-E, MMY-MAP1004HT8-E, MMY-MAP1204HT8-E, MMY-MAP1404HT8-E,
MMY-MAP1604HT8-E, MMY-MAP0804HT8Z-E, MMY-MAP1004HT8Z-E, MMY-MAP1204HT8Z-E,
MMY-MAP1404HT8Z-E, MMY-MAP1604HT8Z-E, MMY-MAP0804HT8ZG-E,
MMY-MAP1004HT8ZG-E, MMY-MAP1204HT8ZG-E, MMY-MAP1404HT8ZG-E,
MMY-MAP1604HT8ZG-E, MMY-MAP0804HT8-TR, MMY-MAP1004HT8-TR,
MMY-MAP1204HT8-TR, MMY-MAP1404HT8-TR, MMY-MAP1604HT8-TR,
MMY-MAP0804HT8Z-TR, MMY-MAP1004HT8Z-TR, MMY-MAP1204HT8Z-TR,
MMY-MAP1404HT8Z-TR, MMY-MAP1604HT8Z-TR, MMY-MAP0804HT8ZG-TR,
MMY-MAP1004HT8ZG-TR, MMY-MAP1204HT8ZG-TR, MMY-MAP1404HT8ZG-TR,
MMY-MAP1604HT8ZG-TR, MMY-MAP0804HT8, MMY-MAP1004HT8, MMY-MAP1204HT8,
MMY-MAP1404HT8, MMY-MAP1604HT8, MMY-MAP0804HT8Z, MMY-MAP1004HT8Z,
MMY-MAP1204HT8Z, MMY-MAP1404HT8Z, MMY-MAP1604HT8Z, MMY-MAP0804HT8ZG,
MMY-MAP1004HT8ZG, MMY-MAP1204HT8ZG, MMY-MAP1404HT8ZG,
MMY-MAP1604HT8ZG, MMY-MAP0804HT7, MMY-MAP1004HT7, MMY-MAP1204HT7,
MMY-MAP1404HT7, MMY-MAP1604HT7, MMY-MAP0804HT7Z, MMY-MAP1004HT7Z,
MMY-MAP1204HT7Z, MMY-MAP1404HT7Z, MMY-MAP1604HT7Z, MMY-MAP0804HT7ZG,
MMY-MAP1004HT7ZG, MMY-MAP1204HT7ZG, MMY-MAP1404HT7ZG,
MMY-MAP1604HT7ZG, MMY-MAP0804T8-E, MMY-MAP1004T8-E, MMY-MAP1204T8-E,
MMY-MAP1404T8-E, MMY-MAP1604T8-E, MMY-MAP0804T8Z-E, MMY-MAP1004T8Z-E,
MMY-MAP1204T8Z-E, MMY-MAP1404T8Z-E, MMY-MAP1604T8Z-E, MMY-MAP0804T8ZG-E,
MMY-MAP1004T8ZG-E, MMY-MAP1204T8ZG-E, MMY-MAP1404T8ZG-E,
MMY-MAP1604T8ZG-E, MMY-MAP0804T8, MMY-MAP1004T8, MMY-MAP1204T8,
MMY-MAP1404T8, MMY-MAP1604T8, MMY-MAP0804T8Z, MMY-MAP1004T8Z,
MMY-MAP1204T8Z, MMY-MAP1404T8Z, MMY-MAP1604T8Z, MMY-MAP0804T8ZG,
MMY-MAP1004T8ZG, MMY-MAP1204T8ZG, MMY-MAP1404T8ZG, MMY-MAP1604T8ZG,
MMY-MAP0804T8-SG, MMY-MAP1004T8-SG, MMY-MAP1204T8-SG, MMY-MAP1404T8-SG,
MMY-MAP1604T8-SG

MMC-1608A, MMC-1608B**Part No. 4316V453**

MMY-MAP0804HT5, MMY-MAP1004HT5, MMY-MAP1204HT5, MMY-MAP1404HT5,
MMY-MAP1604HT, MMY-MAP0804HT5Z, MMY-MAP1004HT5Z, MMY-MAP1204HT5Z,
MMY-MAP1404HT5Z, MMY-MAP1604HT5Z, MMY-MAP0804HT5ZG, MMY-MAP1004HT5ZG,
MMY-MAP1204HT5ZG, MMY-MAP1404HT5ZG, MMY-MAP1604HT5ZG
MMY-MAP0724HT9UL, MMY-MAP0964HT9UL, MMY-MAP1144HT9UL

MCC-1610**Part No. 4316V512**

MMY-MAP0804HT8-E, MMY-MAP1004HT8-E, MMY-MAP1204HT8-E, MMY-MAP1404HT8-E,
MMY-MAP1604HT8-E, MMY-MAP0804HT8Z-E, MMY-MAP1004HT8Z-E, MMY-MAP1204HT8Z-E,
MMY-MAP1404HT8Z-E, MMY-MAP1604HT8Z-E, MMY-MAP0804HT8ZG-E,
MMY-MAP1004HT8ZG-E, MMY-MAP1204HT8ZG-E, MMY-MAP1404HT8ZG-E,
MMY-MAP1604HT8ZG-E, MMY-MAP0804HT8-TR, MMY-MAP1004HT8-TR,
MMY-MAP1204HT8-TR, MMY-MAP1404HT8-TR, MMY-MAP1604HT8-TR,
MMY-MAP0804HT8Z-TR, MMY-MAP1004HT8Z-TR, MMY-MAP1204HT8Z-TR,
MMY-MAP1404HT8Z-TR, MMY-MAP1604HT8Z-TR, MMY-MAP0804HT8ZG-TR,
MMY-MAP1004HT8ZG-TR, MMY-MAP1204HT8ZG-TR, MMY-MAP1404HT8ZG-TR,
MMY-MAP1604HT8ZG-TR, MMY-MAP0804HT8Z, MMY-MAP1004HT8Z, MMY-MAP1204HT8Z,
MMY-MAP1404HT8Z, MMY-MAP1604HT8Z, MMY-MAP0804HT8ZG, MMY-MAP1004HT8ZG,
MMY-MAP1204HT8ZG, MMY-MAP1404HT8ZG, MMY-MAP1604HT8ZG, MMY-MAP0804HT7Z,
MMY-MAP1004HT7Z, MMY-MAP1204HT7Z, MMY-MAP1404HT7Z, MMY-MAP1604HT7Z
MMY-MAP0804HT7ZG, MMY-MAP1004HT7ZG, MMY-MAP1204HT7ZG,
MMY-MAP1404HT7ZG, MMY-MAP1604HT7ZG, MMY-MAP0804T8-E, MMY-MAP1004T8-E,
MMY-MAP1204T8-E, MMY-MAP1404T8-E, MMY-MAP1604T8-E, MMY-MAP0804T8Z-E,
MMY-MAP1004T8Z-E, MMY-MAP1204T8Z-E, MMY-MAP1404T8Z-E, MMY-MAP1604T8Z-E,
MMY-MAP0804T8ZG-E, MMY-MAP1004T8ZG-E, MMY-MAP1204T8ZG-E,
MMY-MAP1404T8ZG-E, MMY-MAP1604T8ZG-E, MMY-MAP0804T8Z, MMY-MAP1004T8Z,
MMY-MAP1204T8Z, MMY-MAP1404T8Z, MMY-MAP1604T8Z, MMY-MAP0804T8ZG,
MMY-MAP1004T8ZG, MMY-MAP1204T8ZG, MMY-MAP1404T8ZG, MMY-MAP1604T8ZG
MMY-MAP0804T8-SG, MMY-MAP1004T8-SG, MMY-MAP1204T8-SG, MMY-MAP1404T8-SG,
MMY-MAP1604T8-SG, MMY-MAP1004HT8-C, MMY-MAP1204HT8-C, MMY-MAP1404HT8-C,
MMY-MAP1604HT8-C, MMY-MAP0804HT7K, MMY-MAP1004HT7K, MMY-MAP1204HT7K,
MMY-MAP1404HT7K, MMY-MAP1604HT7K, MMY-MAP0804HT7KZ, MMY-MAP1004HT7KZ,
MMY-MAP1204HT7KZ, MMY-MAP1404HT7KZ, MMY-MAP1604HT7KZ,
MMY-MAP0804HT7KZG, MMY-MAP1004HT7KZG, MMY-MAP1204HT7KZG,
MMY-MAP1404HT7KZG, MMY-MAP1604HT7KZG

MCC-1610**Part No. 4316V452**

MMY-MAP0724HT6UL, MMY-MAP0964HT6UL, MMY-MAP1144HT6UL

MCC-1610**Part No. 4316V512**

MMY-MAP0804HT5, MMY-MAP1004HT5, MMY-MAP1204HT5, MMY-MAP1404HT5,
MMY-MAP1604HT5, MMY-MAP0804HT5Z, MMY-MAP1004HT5Z, MMY-MAP1204HT5Z,
MMY-MAP1404HT5Z, MMY-MAP1604HT5Z, MMY-MAP0804HT5ZG, MMY-MAP1004HT5ZG,
MMY-MAP1204HT5ZG, MMY-MAP1404HT5ZG, MMY-MAP1604HT5ZG

MCC-1610**Part No. 4316V452**

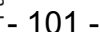
MMY-MAP0724HT9UL, MMY-MAP0964HT9UL, MMY-MAP1144HT9UL

MCC-1625A, MCC-1625B, MCC-1625C**Part No. 4316V452**

MMY-MAP0724HT6UL, MMY-MAP0964HT6UL, MMY-MAP1144HT6UL

MMU-AP0072WH-K, MMU-AP0092WH-K, MMU-AP0122WH-K, MMU-AP0152WH-K,
MMU-AP0182WH-K, MMU-AP0242WH-K, MMU-AP00272WH-K, MMU-AP0302WH-K,
MMU-AP0362WH-K, MMU-AP0482WH-K, MMU-AP0562WH-K,

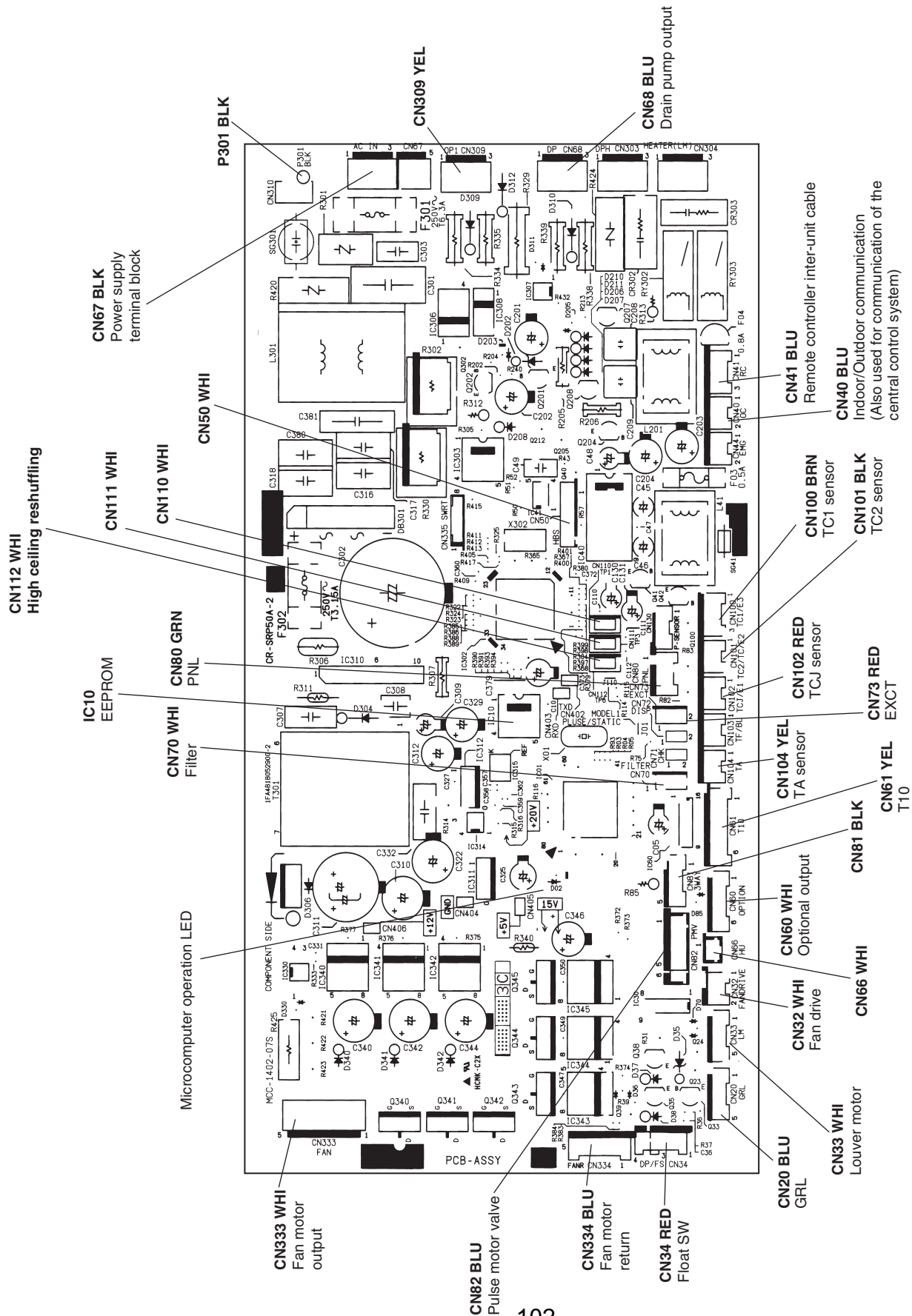
**152WH-K,
0302WH-K,**



MCC-1402

Part No. 4316V437

MMC-AP0154H-E, MMC-AP0184H-E, MMC-AP0244H-E, MMC-AP0274H-E, MMC-AP0364H-E,
MMC-AP0484H-E, MMC-AP0154H-TR, MMC-AP0184H-TR, MMC-AP0244H-TR,
MMC-AP0274H-TR, MMC-AP0364H-TR, MMC-AP0484H-TR



MCC-1402 **Part No. 4316V438**

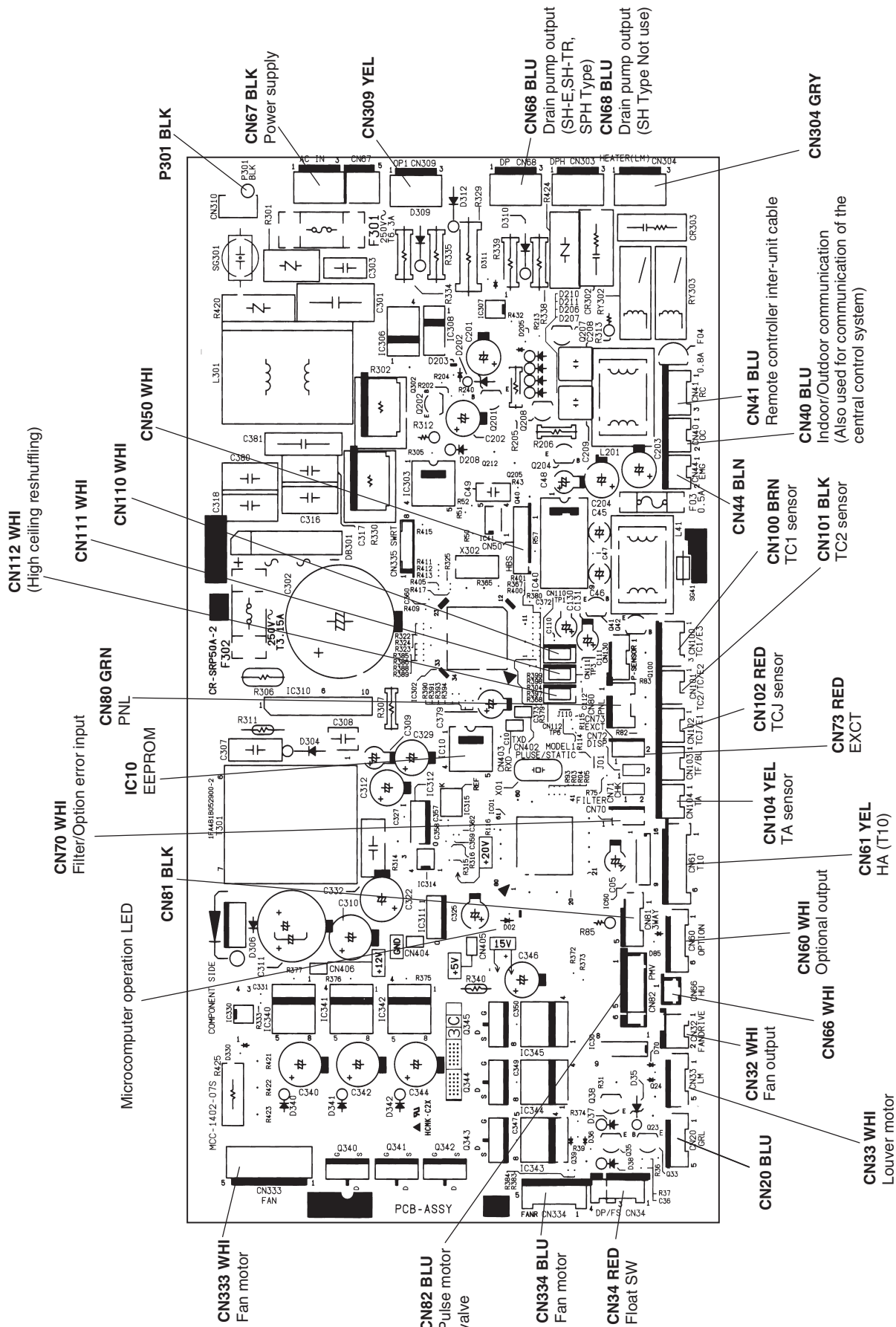
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MMD-AP0244BH-E, MMD-AP0274BH-E, MMD-AP0304BH-E, MMD-AP0364BH-E, MMD-AP0484BH-E,
MMD-AP0564BH-E, MMD-AP0074BH-TR, MMD-AP0094BH-TR, MMD-AP0124BH-TR, MMD-AP0154BH-TR,
MMD-AP0184BH-TR, MMD-AP0244BH-TR, MMD-AP0274BH-TR, MMD-AP0304BH-TR, MMD-AP0364BH-TR,
MMD-AP0484BH-TR, MMD-AP0564BH-TR,

MCC-1402 **Part No. 4316V438**

MMD-AP0074BH-E, MMD-AP0094BH-E, MMD-AP0124BH-E, MMD-AP0154BH-E, MMD-AP0184BH-E,
MMD-AP0244BH-E, MMD-AP0274BH-E, MMD-AP0304BH-E, MMD-AP0364BH-E, MMD-AP0484BH-E,
MMD-AP0564BH-E, MMD-AP0074BH-TR, MMD-AP0094BH-TR, MMD-AP0124BH-TR, MMD-AP0154BH-TR,
MMD-AP0184BH-TR, MMD-AP0244BH-TR, MMD-AP0274BH-TR, MMD-AP0304BH-TR, MMD-AP0364BH-TR,
MMD-AP0484BH-TR, MMD-AP0564BH-TR,

MCC-1402 **Part No. 4316V438**

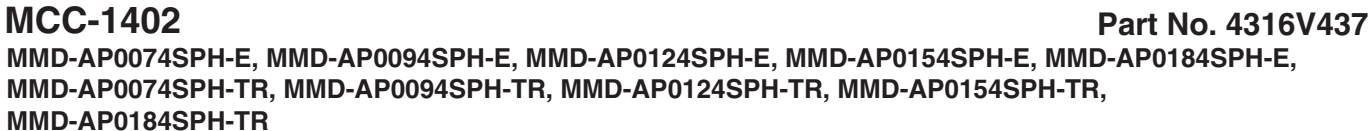
MMD-AP0074BH-E, MMD-AP0094BH-E, MMD-AP0124BH-E, MMD-AP0154BH-E, MMD-AP0184BH-E,
MMD-AP0244BH-E, MMD-AP0274BH-E, MMD-AP0304BH-E, MMD-AP0364BH-E, MMD-AP0484BH-E,
MMD-AP0564BH-E, MMD-AP0074BH-TR, MMD-AP0094BH-TR, MMD-AP0124BH-TR, MMD-AP0154BH-TR,
MMD-AP0184BH-TR, MMD-AP0244BH-TR, MMD-AP0274BH-TR, MMD-AP0304BH-TR, MMD-AP0364BH-TR,
MMD-AP0484BH-TR, MMD-AP0564BH-TR,

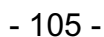


MCC-1402 **Part No. 4316V437**
MMD-AP0074SPH-E, MMD-AP0094SPH-E, MMD-AP0124SPH-E, MMD-AP0154SPH-E, MMD-AP0184SPH-E,
MMD-AP0074SPH-TR, MMD-AP0094SPH-TR, MMD-AP0124SPH-TR, MMD-AP0154SPH-TR,
MMD-AP0184SPH-TR

Part No. 4316V437

MCC-1402 **Part No. 4316V437**
MMD-AP0074SPH-E, MMD-AP0094SPH-E, MMD-AP0124SPH-E, MMD-AP0154SPH-E, MMD-AP0184SPH-E,
MMD-AP0074SPH-TR, MMD-AP0094SPH-TR, MMD-AP0124SPH-TR, MMD-AP0154SPH-TR,
MMD-AP0184SPH-TR

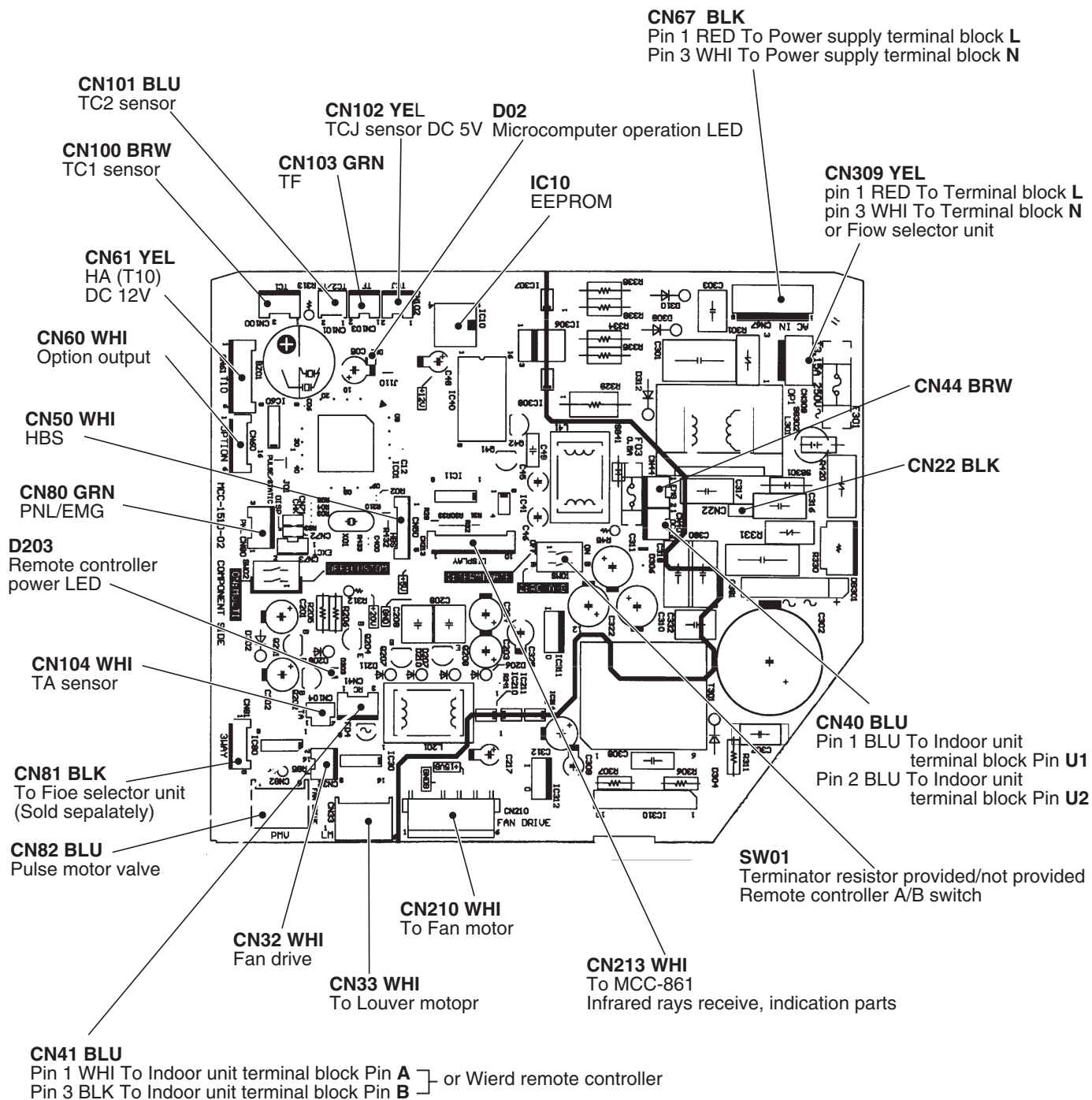




MCC-1510

Part No.43T69926

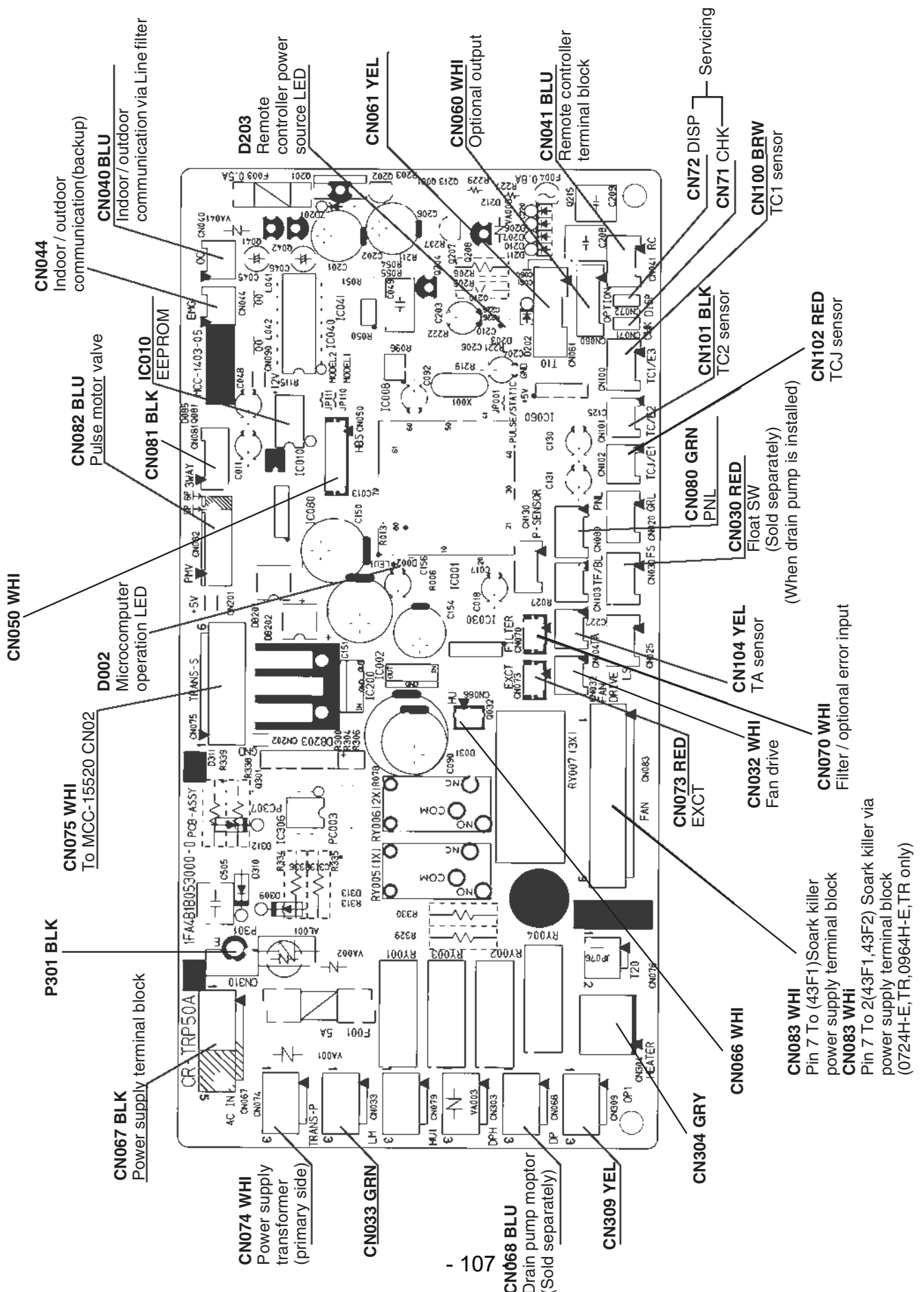
MMK-AP0074MH-E, MMK-AP0094MH-E, MMK-AP0124MH-E,
MMK-AP0074MH-TR, MMK-AP0094MH-TR, MMK-AP0124MH-TR



MCC-1403

Part No. 4316V444

MMD-AP0184H-E, MMD-AP0244H-E, MMD-AP0274H-E, MMD-AP0364H-E, MMD-AP0484H-E
MMD-AP0184H-TR, MMD-AP0244H-TR, MMD-AP0274H-TR, MMD-AP0364H-TR,
MMD-AP0484H-TR, MMD-AP0724H-E, AP0964H-E, MMD-AP0724H-TR, MMD-AP0964H-TR



MCC-1403 **Part No. 4316V469**
MML-AP0074H-E, MML-AP0094H-E, MML-AP0124H-E, MML-AP0154H-E, MML-AP0184H-E, MML-AP0244H-E,
MML-AP0074H-TR, MML-AP0094H-TR, MML-AP0124H-TR, MML-AP0154H-TR, MML-AP0184H-TR,
MML-AP0244H-TR

MCC-1403 **Part No. 4316V469**
MML-AP0074H-E, MML-AP0094H-E, MML-AP0124H-E, MML-AP0154H-E, MML-AP0184H-E, MML-AP0244H-E,
MML-AP0074H-TR, MML-AP0094H-TR, MML-AP0124H-TR, MML-AP0154H-TR, MML-AP0184H-TR,
MML-AP0244H-TR

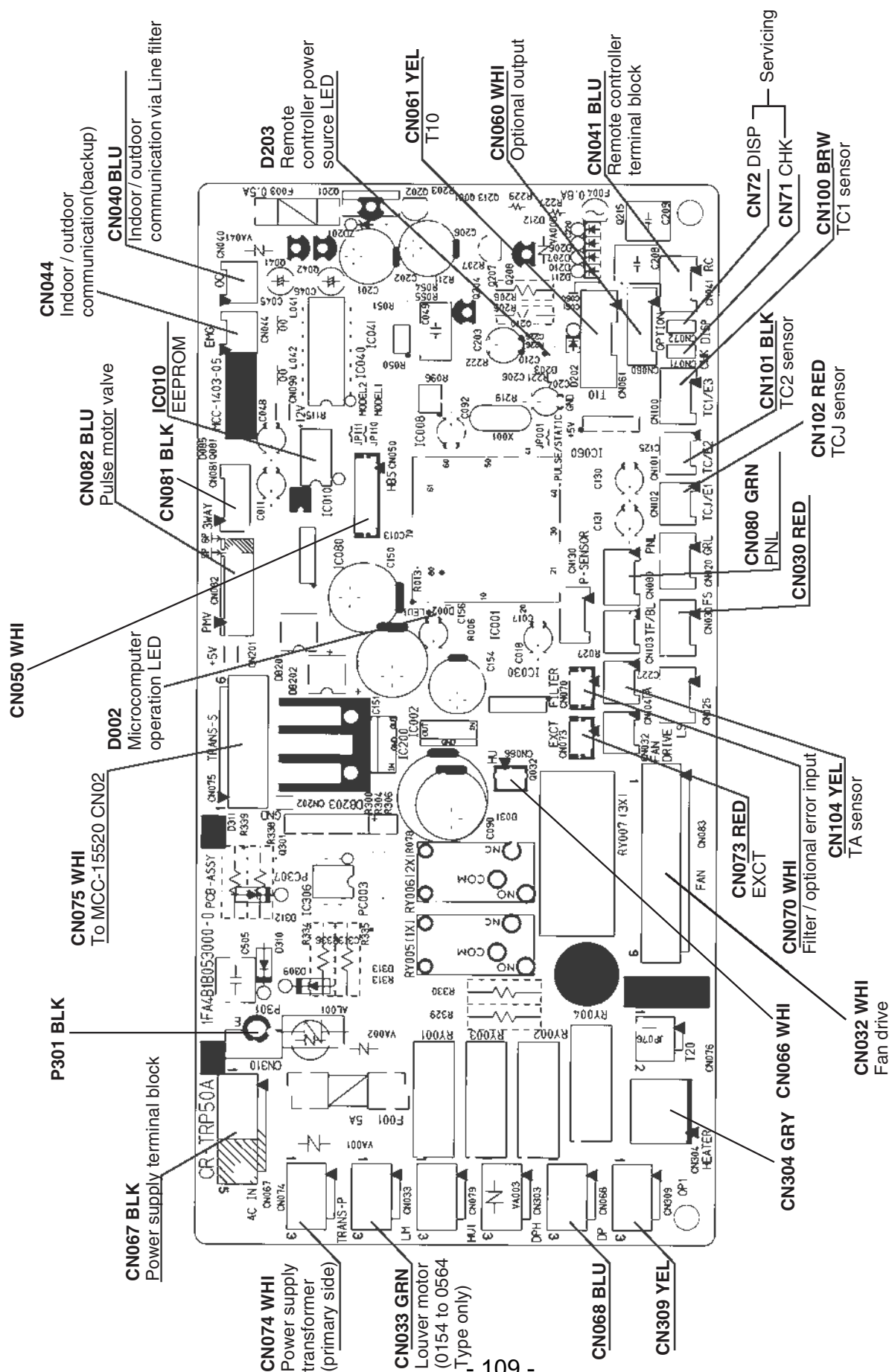
MCC-1403 **Part No. 4316V469**
MML-AP0074H-E, MML-AP0094H-E, MML-AP0124H-E, MML-AP0154H-E, MML-AP0184H-E, MML-AP0244H-E,
MML-AP0074H-TR, MML-AP0094H-TR, MML-AP0124H-TR, MML-AP0154H-TR, MML-AP0184H-TR,
MML-AP0244H-TR



MCC-1403

Part No. 4316V444

MML-AP0074BH-E, MML-AP0094BH-E, MML-AP0124BH-E, MML-AP0154BH-E, MML-AP0184BH-E, MML-AP0244BH-E, MML-AP0074BH-TR, MML-AP0094BH-TR, MML-AP0124BH-TR, MML-AP0154BH-TR, MML-AP0184BH-TR, MML-AP0244BH-TR, MMF-AP0154H-E, MMF-AP0184H-E, MMF-AP0244H-E, MMF-AP0274H-E, MMF-AP0364H-E, MMF-AP0484H-E.

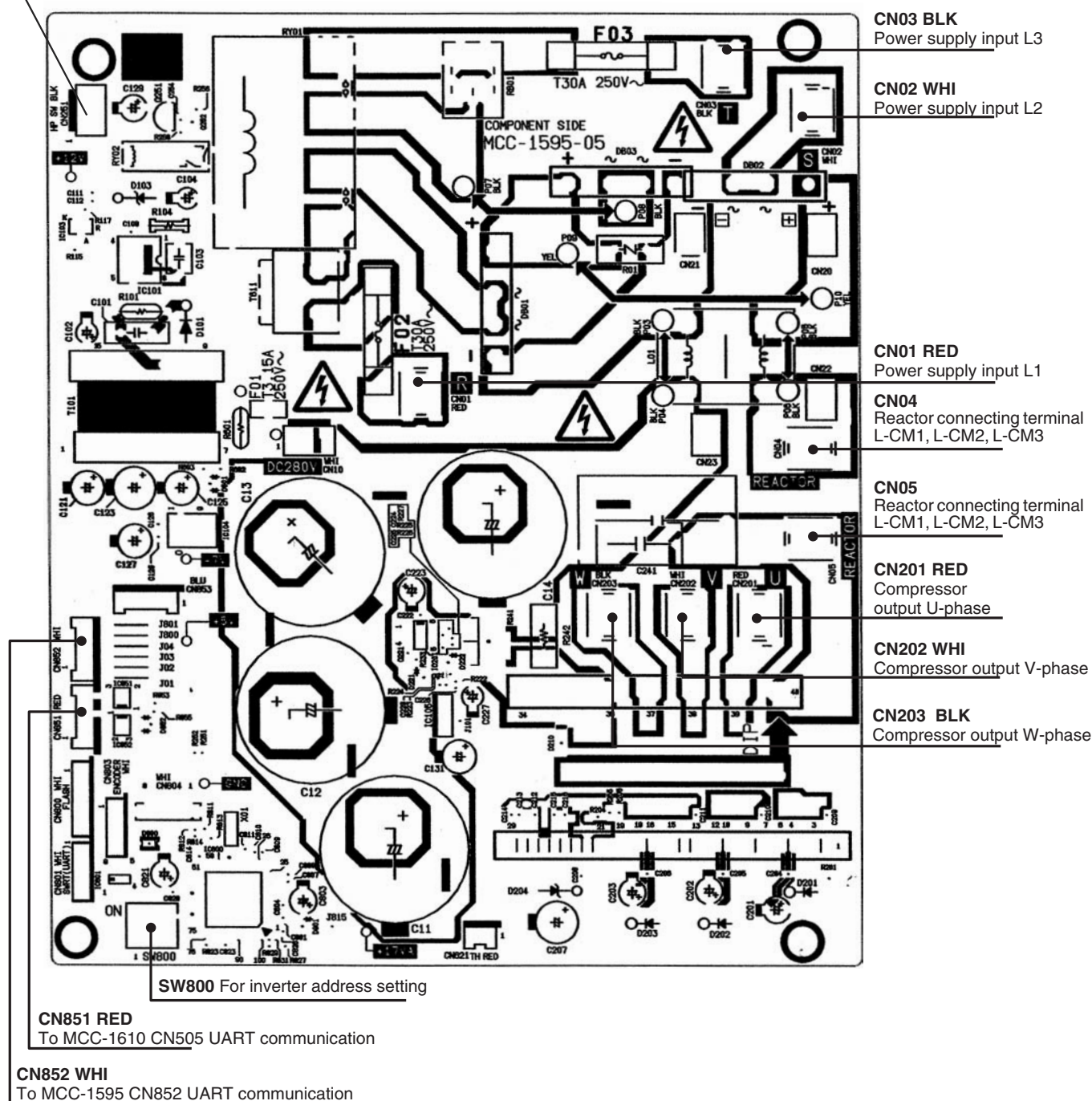


MCC-1595

Part No. 4316V421

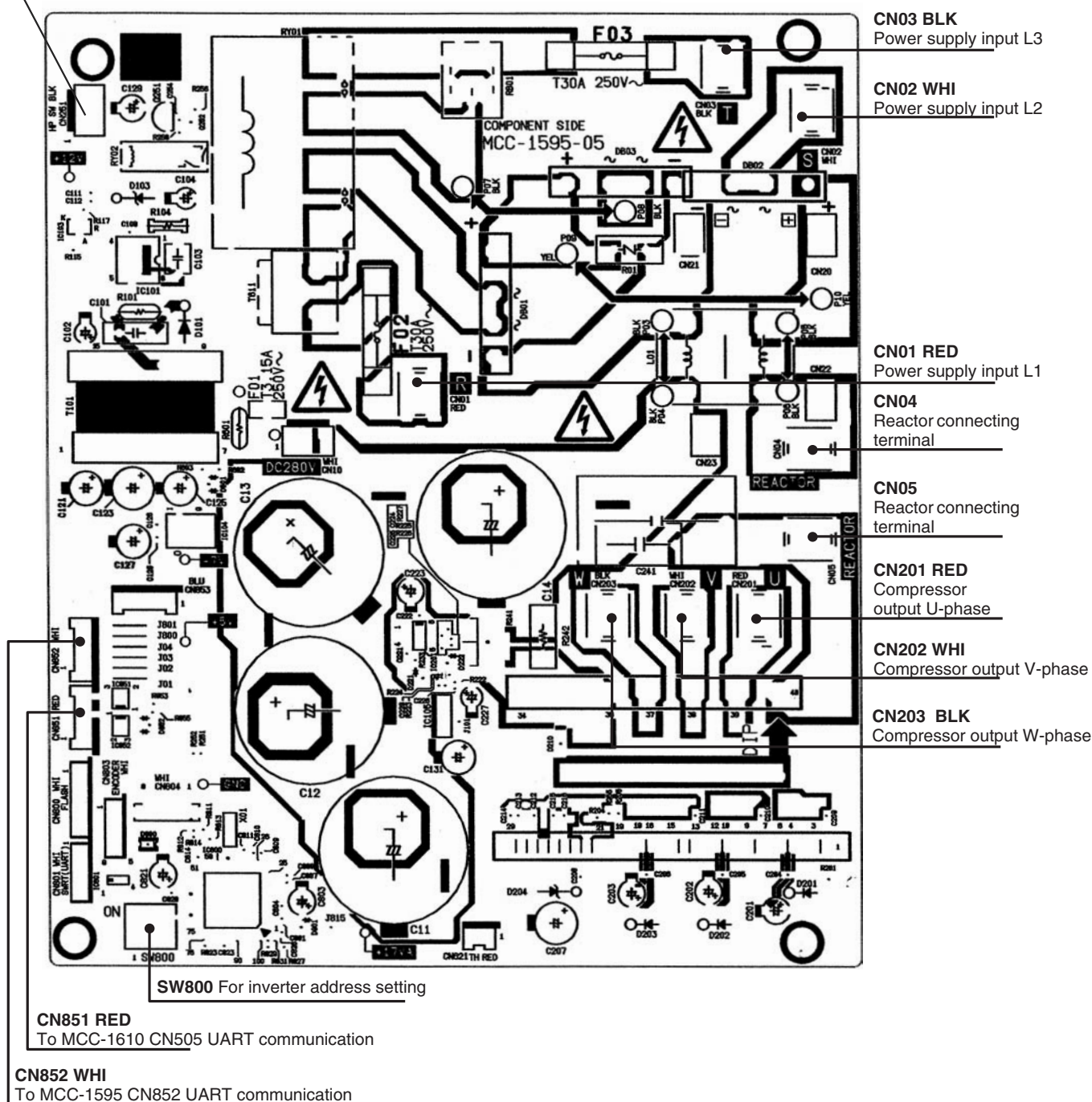
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MMY-MAP1604HT5, MMY-MAP0804HT5Z, MMY-MAP1004HT5Z, MMY-MAP1204HT5Z,
MMY-MAP1404HT5Z, MMY-MAP1604HT5Z, MMY-MAP0804HT5ZG, MMY-MAP1004HT5ZG,
MMY-MAP1204HT5ZG, MMY-MAP1404HT5ZG, MMY-MAP1604HT5ZG

CN251 BLK
To High pressure
SW 63H1, 63H2

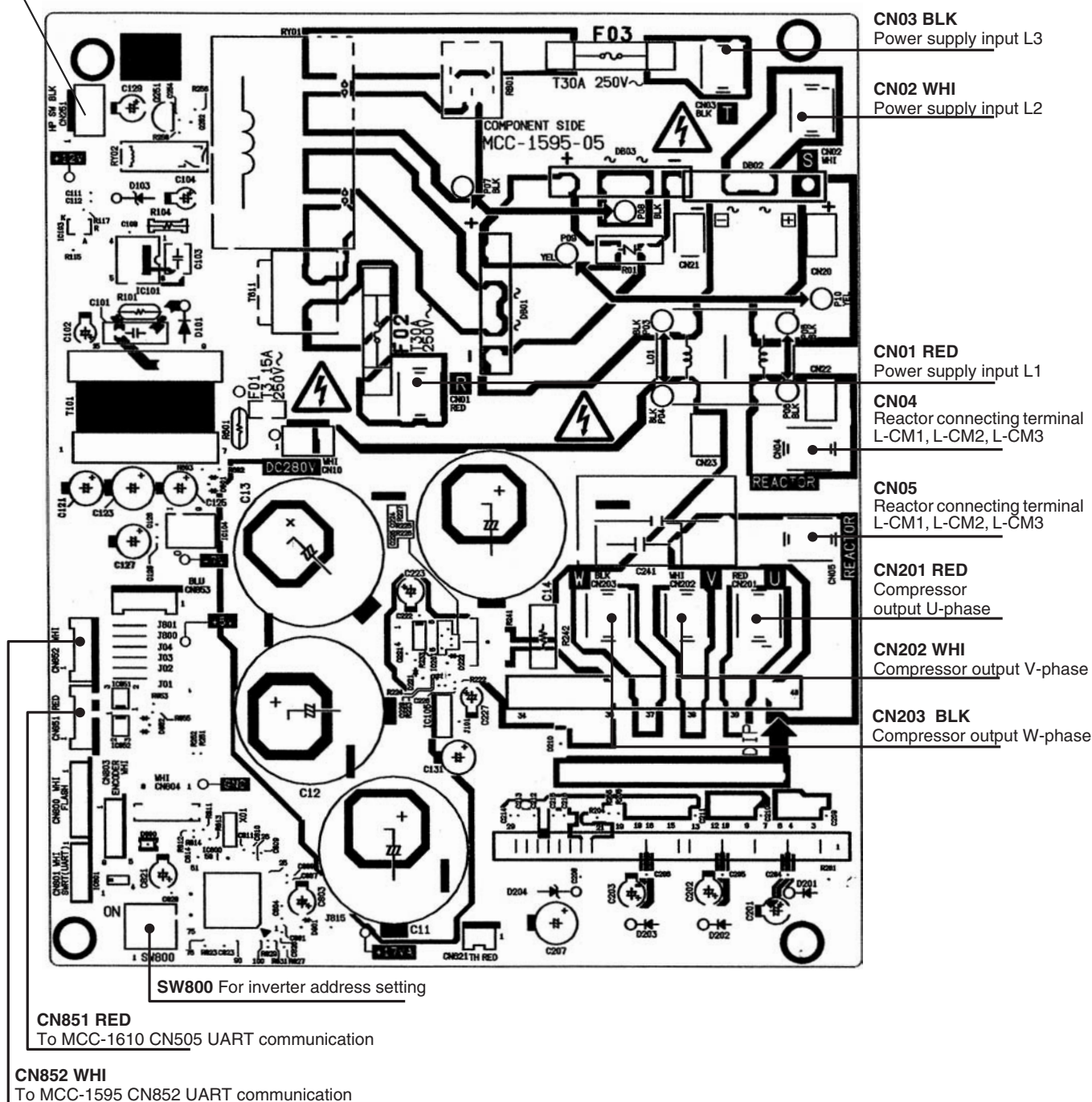


MMY-MAP0724HT9UL, MMY-MAP0964HT9UL, MMY-MAP1144HT9UL

CN251 BLK
To High pressure
SW 63H1 to 63H2



CN251 BLK
 To High pressure
 SW 63H1, 63H2

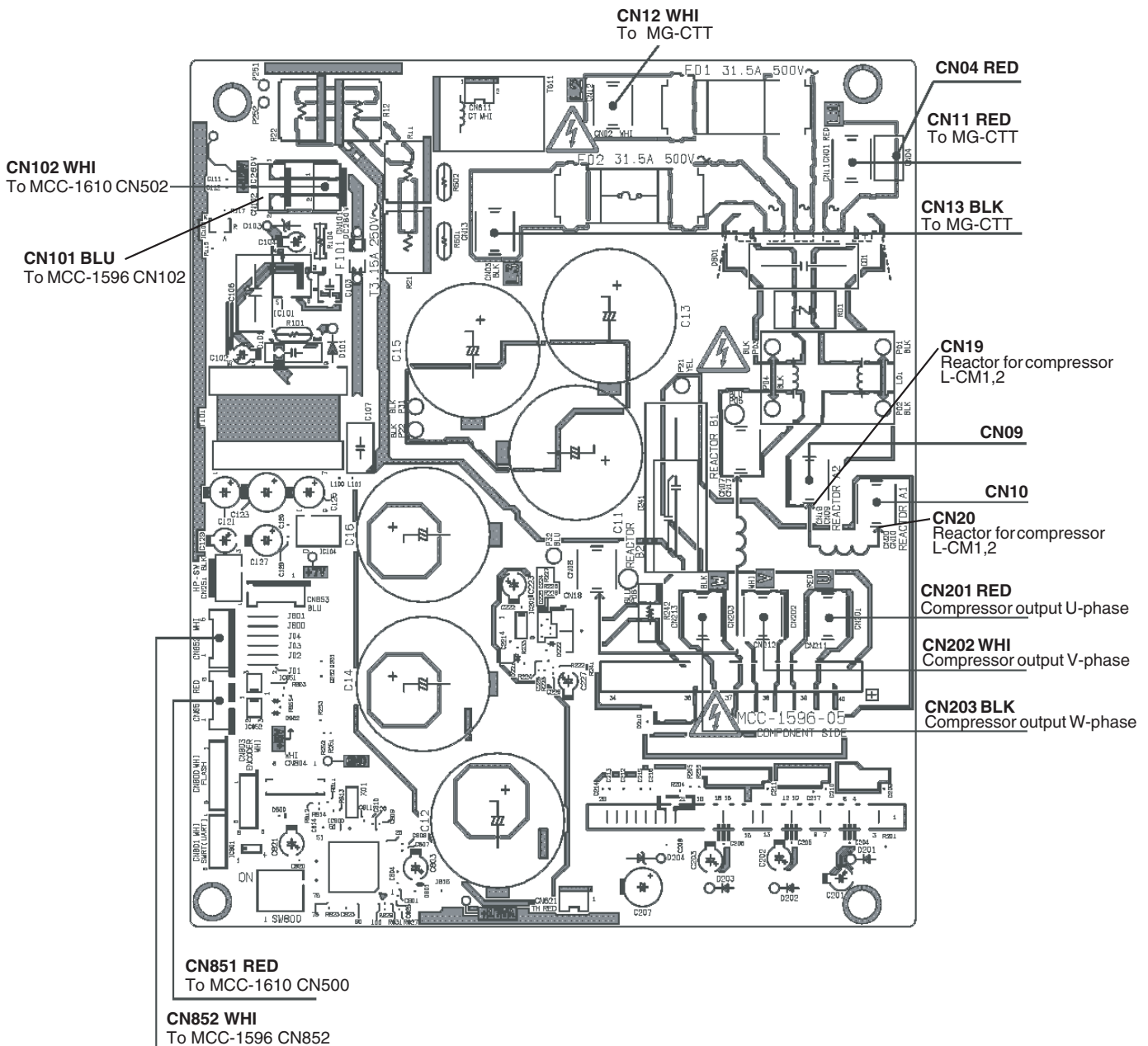


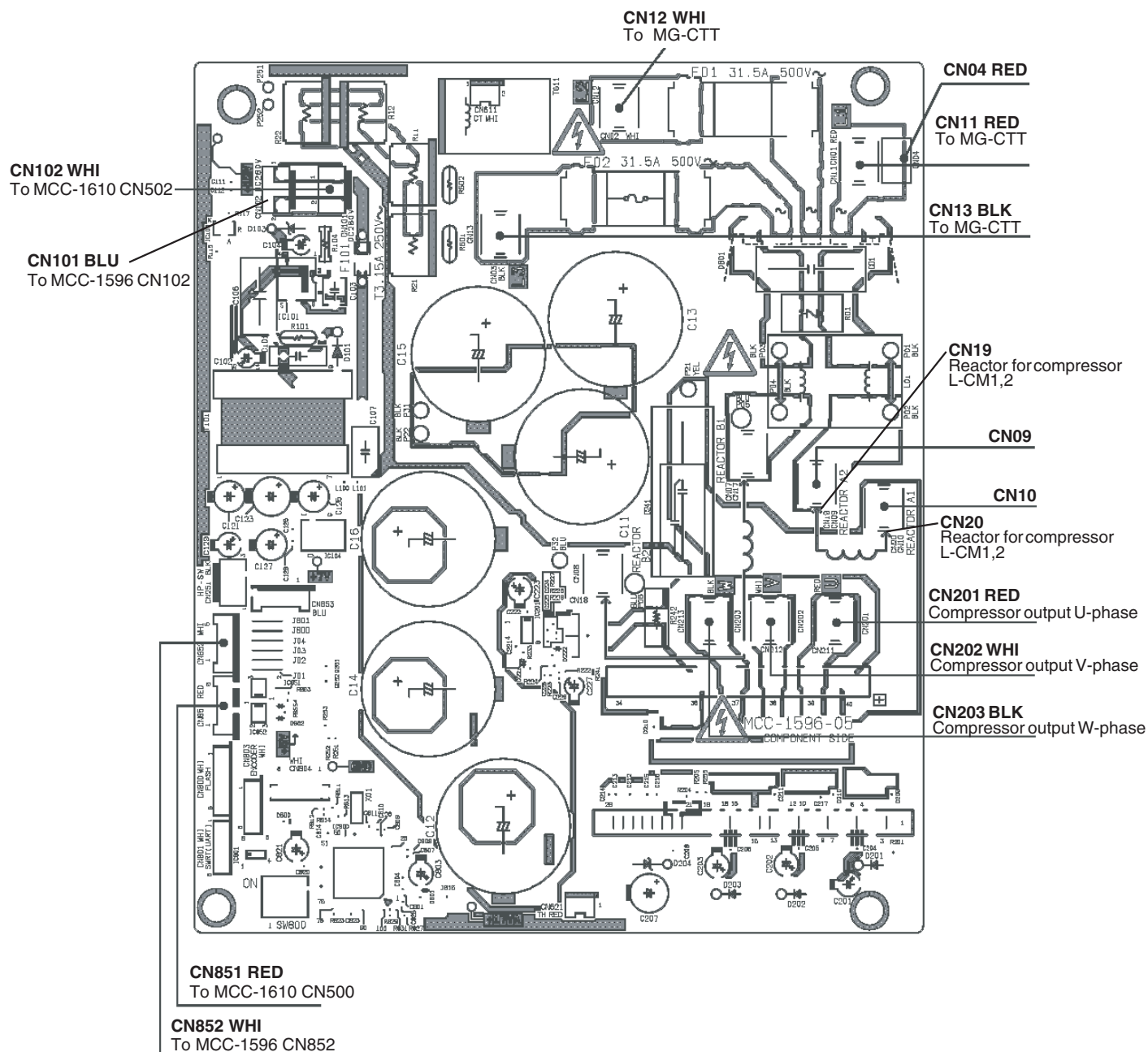
MCC-1596

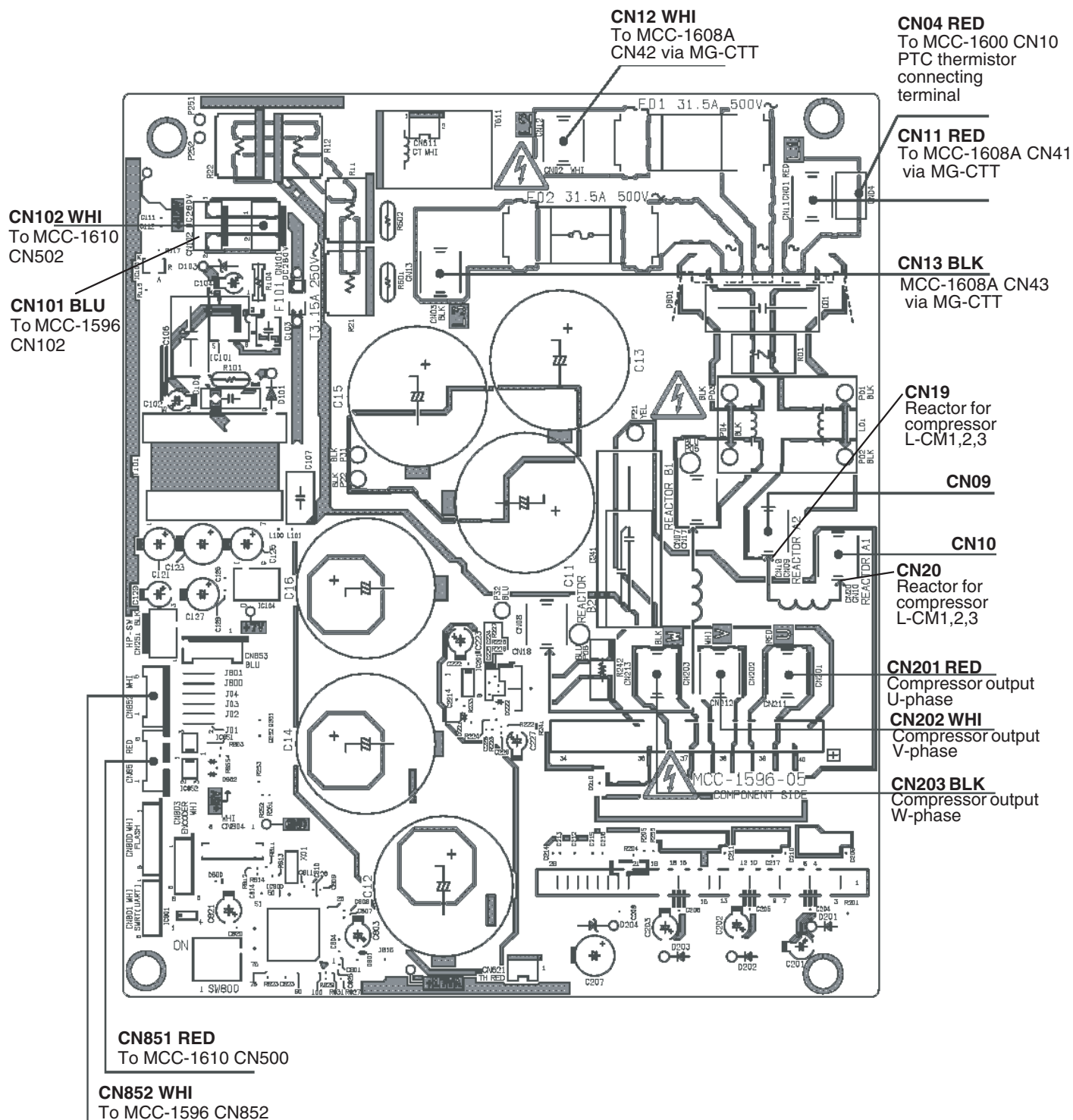
Part No. 4316V441

MMY-MAP0804HT8-E, MMY-MAP1004HT8-E, MMY-MAP1204HT8-E, MMY-MAP1404HT8-E,
MMY-MAP1604HT8-E, MMY-MAP0804HT8Z-E, MMY-MAP1004HT8Z-E, MMY-MAP1204HT8Z-E,
MMY-MAP1404HT8Z-E, MMY-MAP1604HT8Z-E, MMY-MAP0804HT8ZG-E,
MMY-MAP1004HT8ZG-E, MMY-MAP1204HT8ZG-E, MMY-MAP1404HTZG8-E,
MMY-MAP1604HT8ZG-E

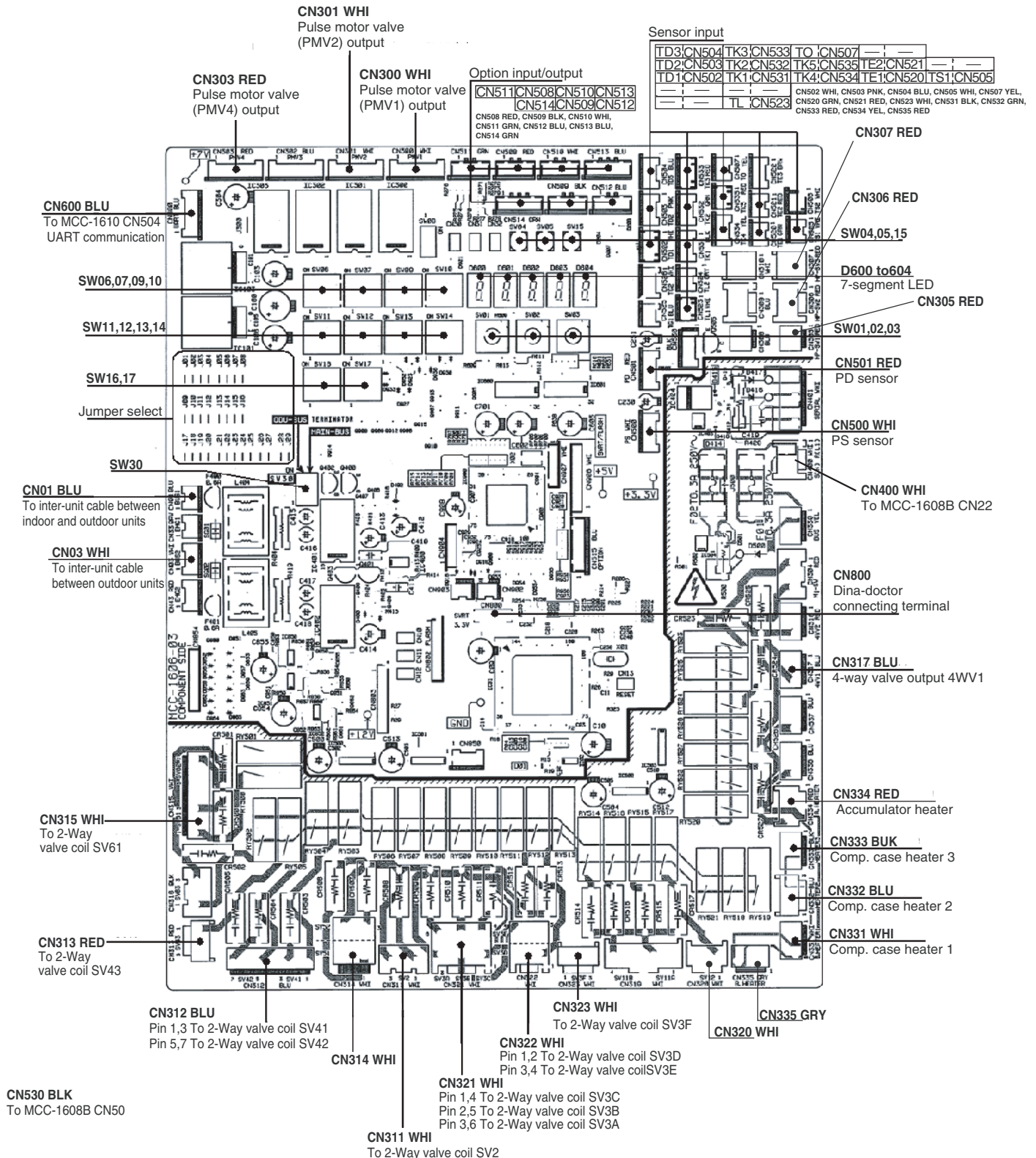
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MMY-MAP1604HT8-C, MMY-MAP0804HT7K, MMY-MAP1004HT7K, MMY-MAP1204HT7K,
MMY-MAP1404HT7K, MMY-MAP1604HT7K, MMY-MAP0804HT7KZ, MMY-MAP1004HT7KZ,
MMY-MAP1204HT7KZ, MMY-MAP1404HT7KZ, MMY-MAP1604HT7KZ, MMY-MAP0804HT7KZG,
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MMY-MAP1604HT7KZG

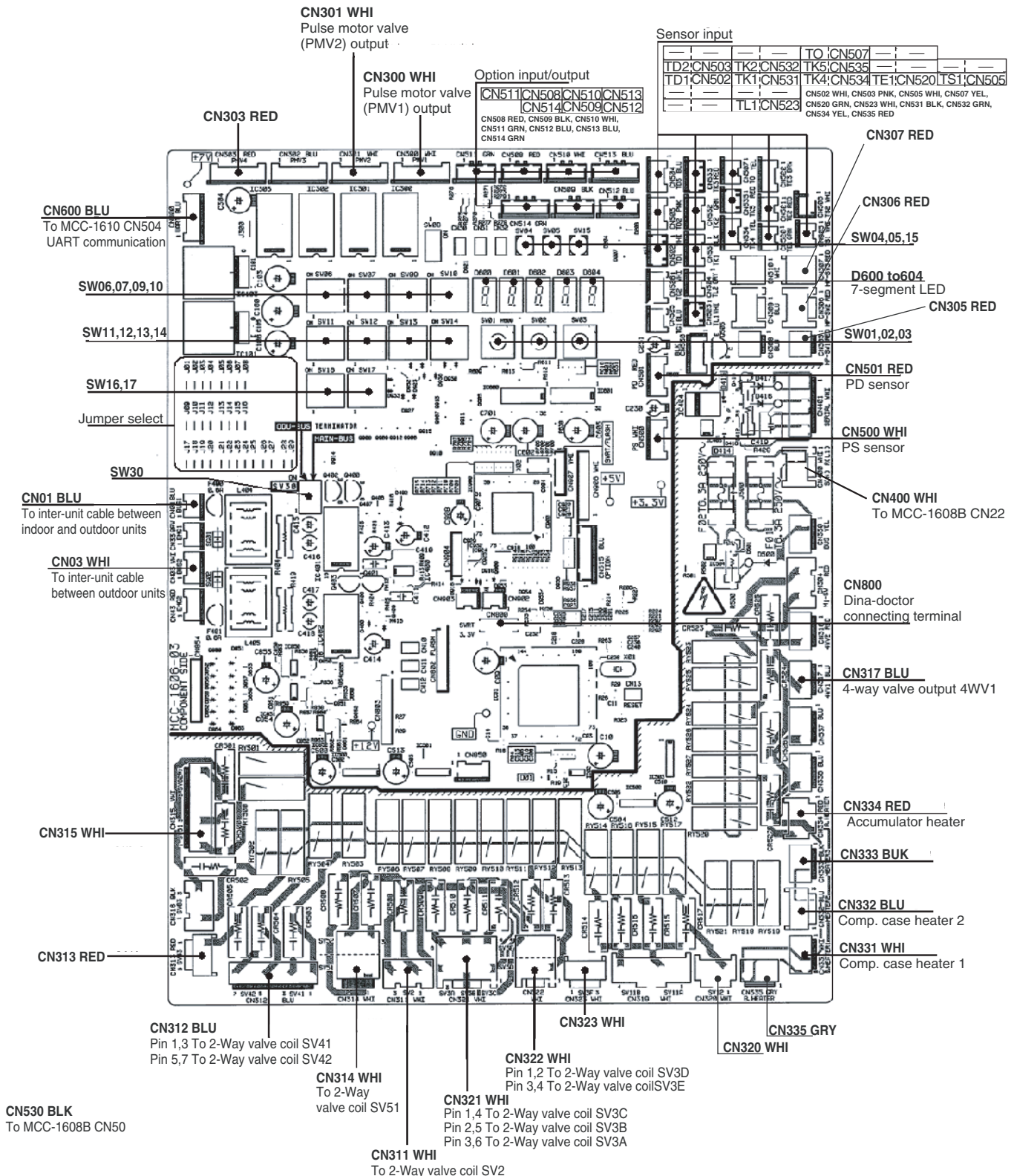




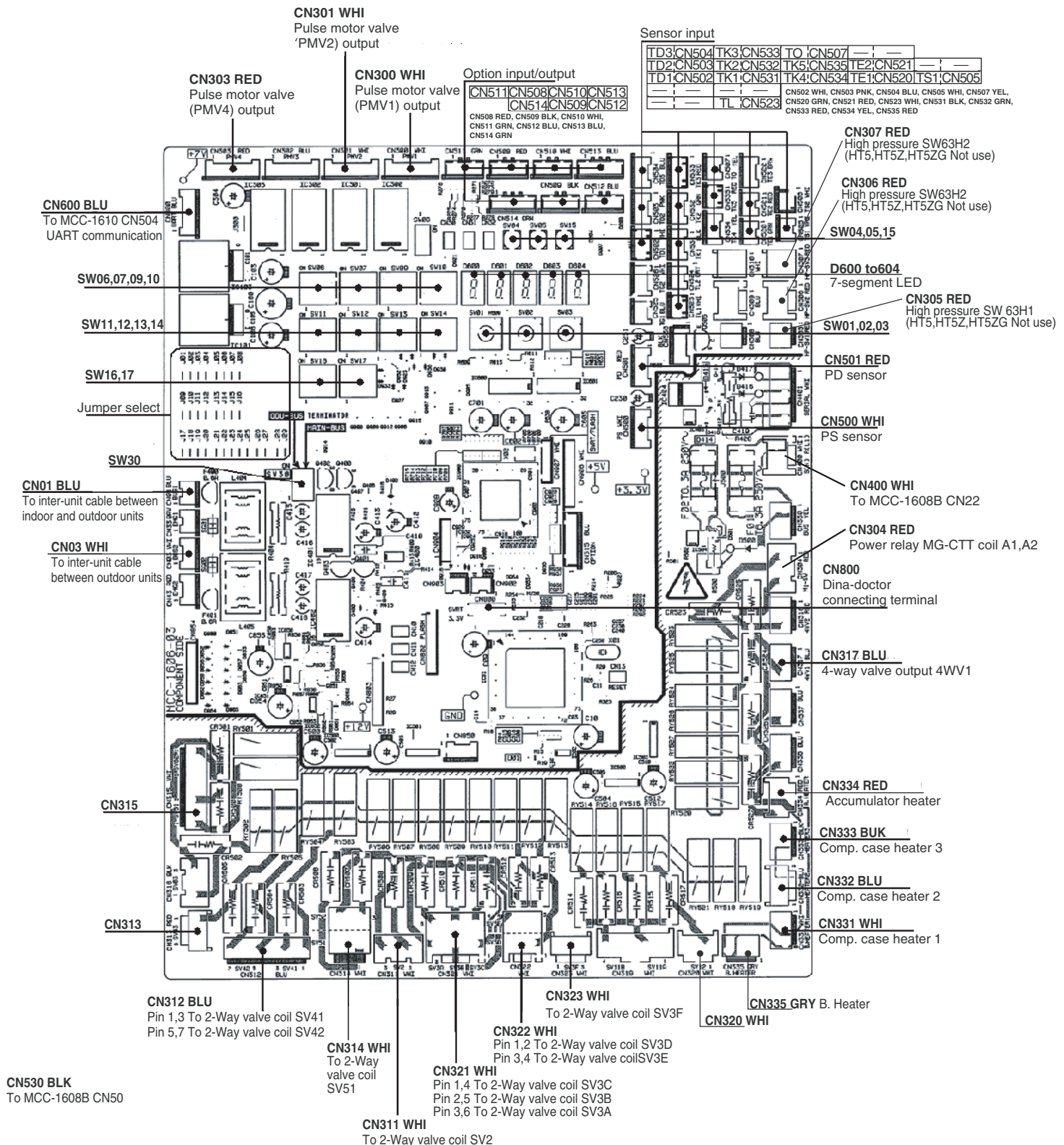


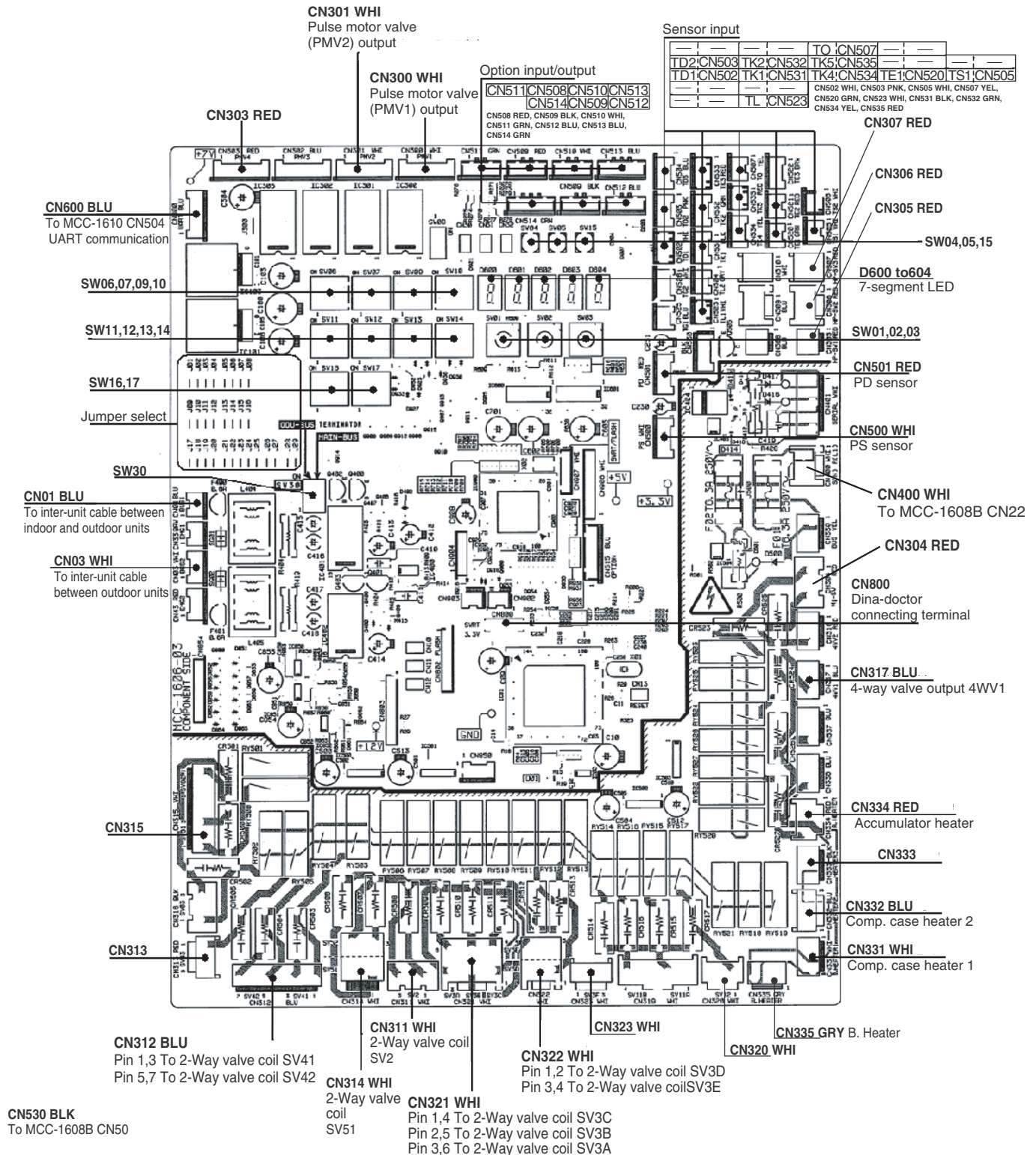
Part No. 4316V420





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 MMY-MAP1604HT5ZG



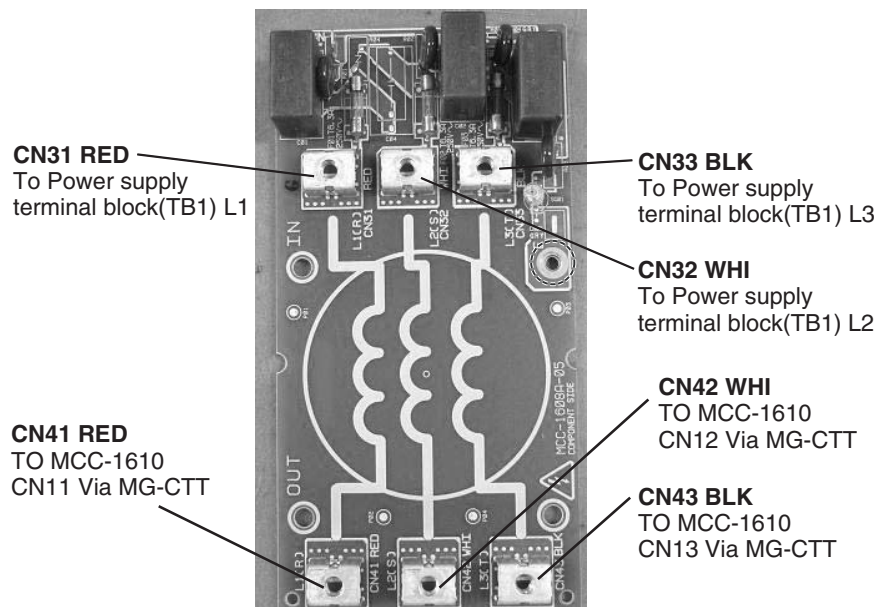


MCC-1608A, MCC-1608B

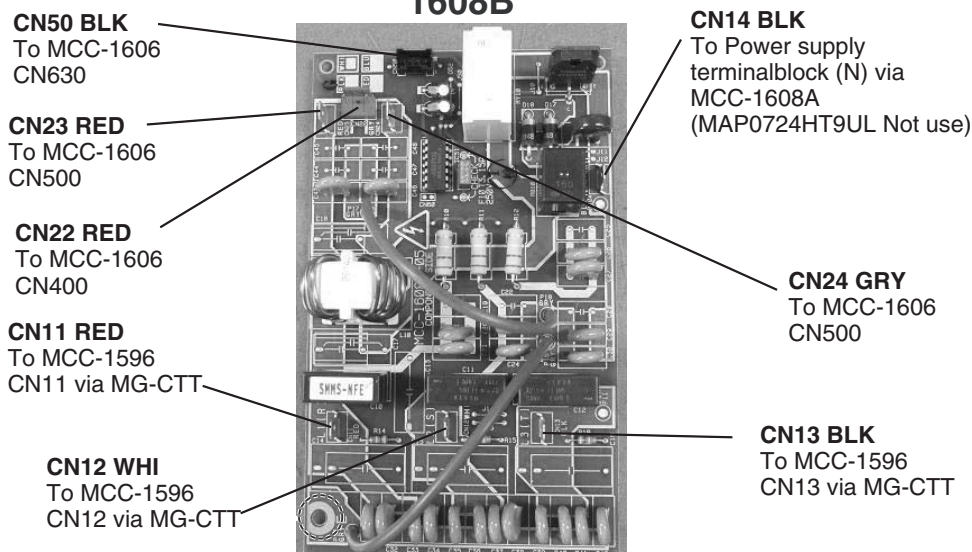
Part No. 4316V440

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 MMY-MAP1604HT8Z-E, MMY-MAP0804HT8ZG-E, MMY-MAP1004HT8ZG-E, MMY-MAP1204HT8ZG-E,
 MMY-MAP1404HT8ZG-E, MMY-MAP1604HT8ZG-E, MMY-MAP0804HT8-TR, MMY-MAP1004HT8-TR,
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 MMY-MAP1404T8ZG-E, MMY-MAP1604T8ZG-E, MMY-MAP0804T8, MMY-MAP1004T8, MMY-MAP1204T8,
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 MMY-MAP1404T8ZG, MMY-MAP1604T8ZG, MMY-MAP0804T8-SG, MMY-MAP1004T8-SG, MMY-MAP1204T8-SG,
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1608A



1608B

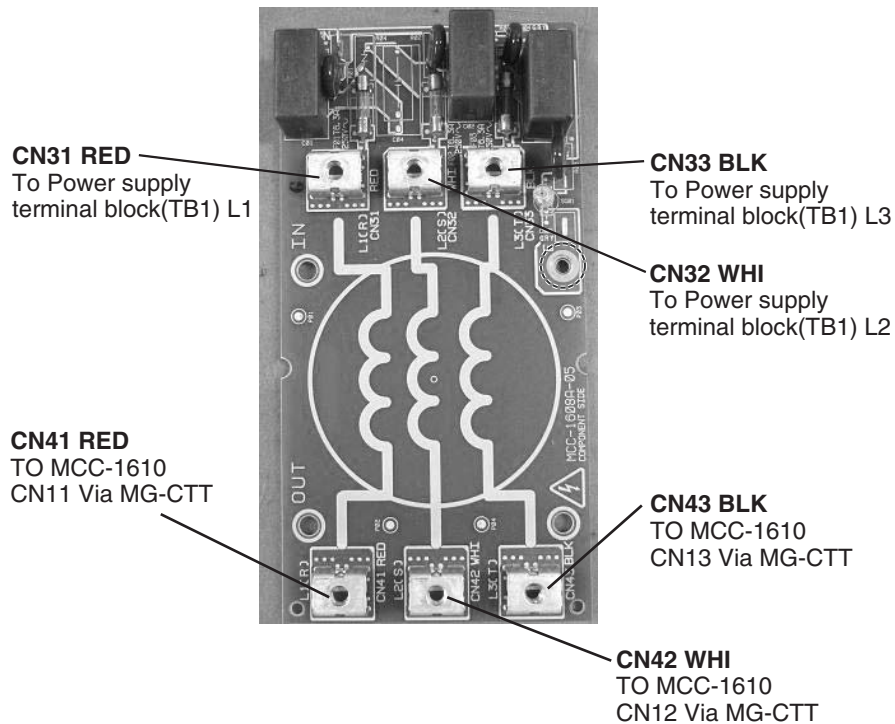


MMC-1608A, MMC-1608B

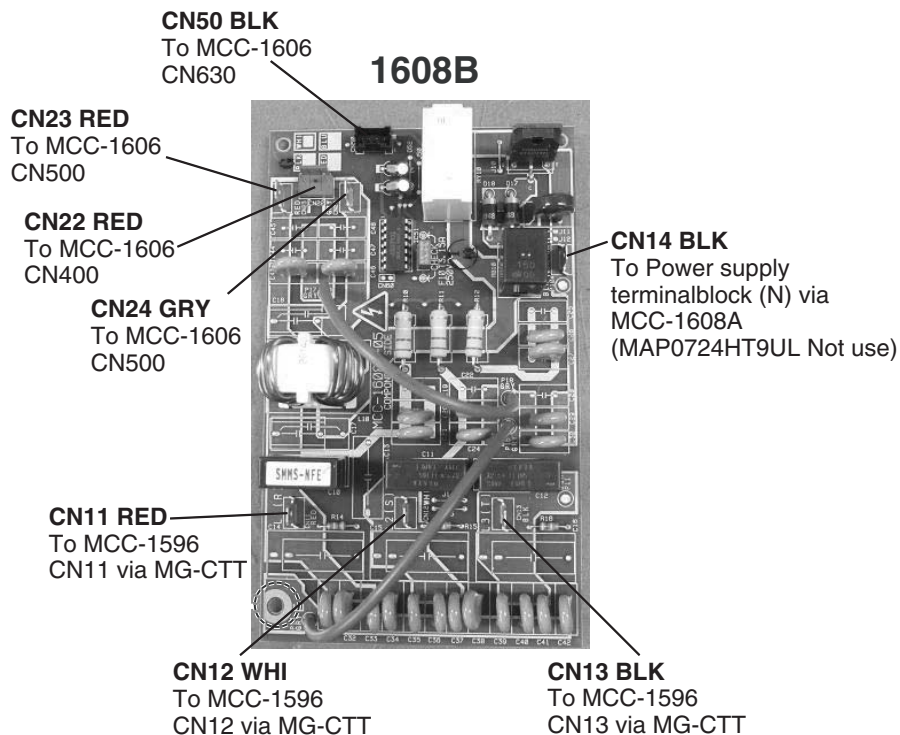
Part No. 4316V453

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MMY-MAP1204HT5ZG, MMY-MAP1404HT5ZG, MMY-MAP1604HT5ZG
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1608A

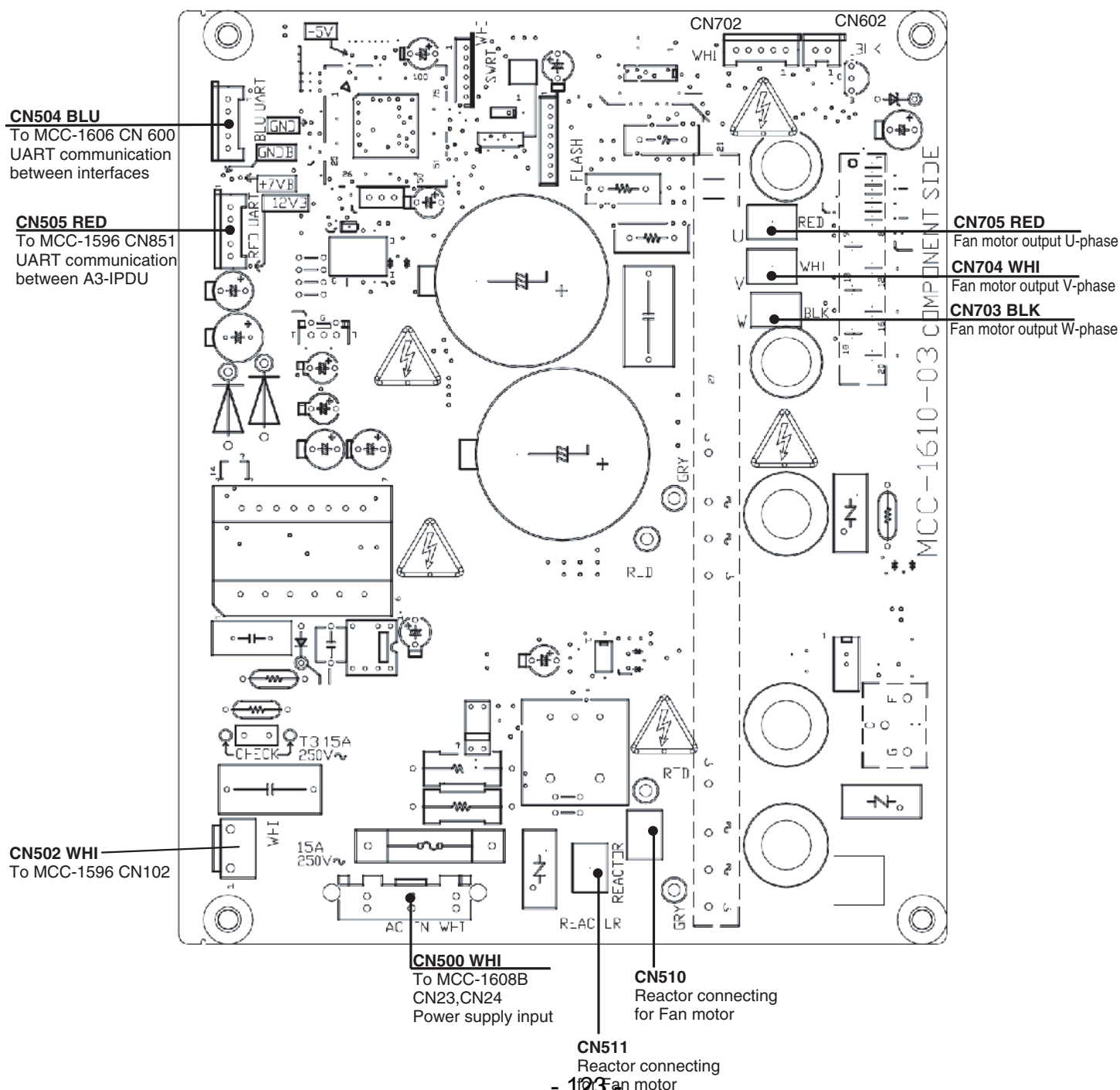


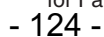
1608B



MMY-MAP0804HT8-E, MMY-MAP1004HT8-E, MMY-MAP1204HT8-E, MMY-MAP1404HT8-E, MMY-MAP1604HT8-E
MMY-MAP0804HT8Z-E, MMY-MAP1004HT8Z-E, MMY-MAP1204HT8Z-E, MMY-MAP1404HT8Z-E, MMY-MAP1604HT8Z-E
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MMY-MAP0804HT7KZG, MMY-MAP1004HT7KZG, MMY-MAP1204HT7KZG, MMY-MAP1404HT7KZG, MMY-MAP1604HT7KZG





MCC-1610

Part No. 4316V512

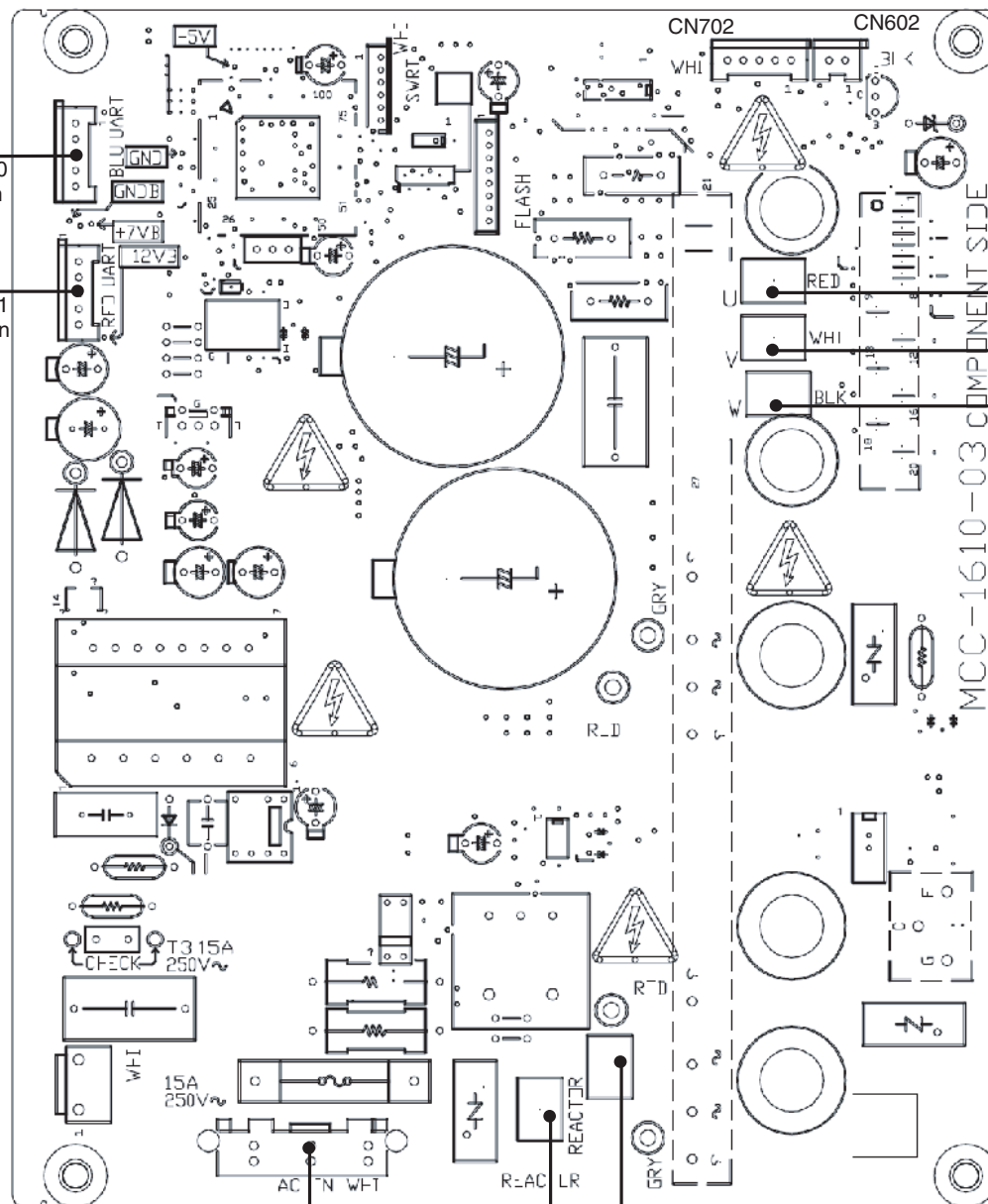
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MMY-MAP1404HT5Z, MMY-MAP1604HT5Z, MMY-MAP0804HT5ZG, MMY-MAP1004HT5ZG,
MMY-MAP1204HT5ZG, MMY-MAP1404HT5ZG, MMY-MAP1604HT5ZG,

CN504 BLU

To MCC-1606 CN 600
UART communication
between interfaces

CN505 RED

To MCC-1596 CN851
UART communication
between A3-IPDU



CN705 RED

Fan motor output U-phase

CN704 WHI

Fan motor output V-phase

CN703 BLK

Fan motor output W-phase

CN500 WHI

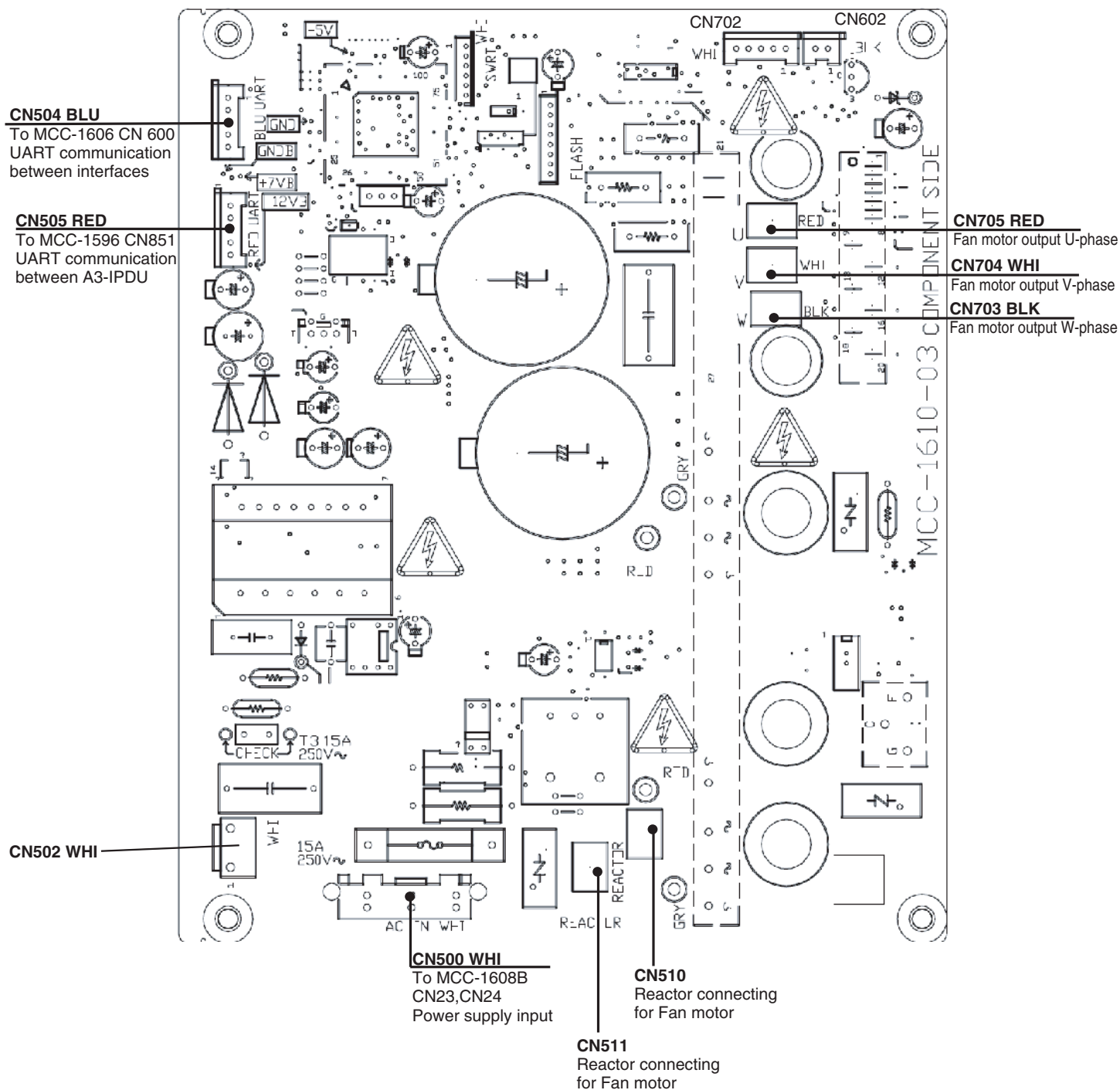
To MCC-1608B
CN23,CN24
Power supply input

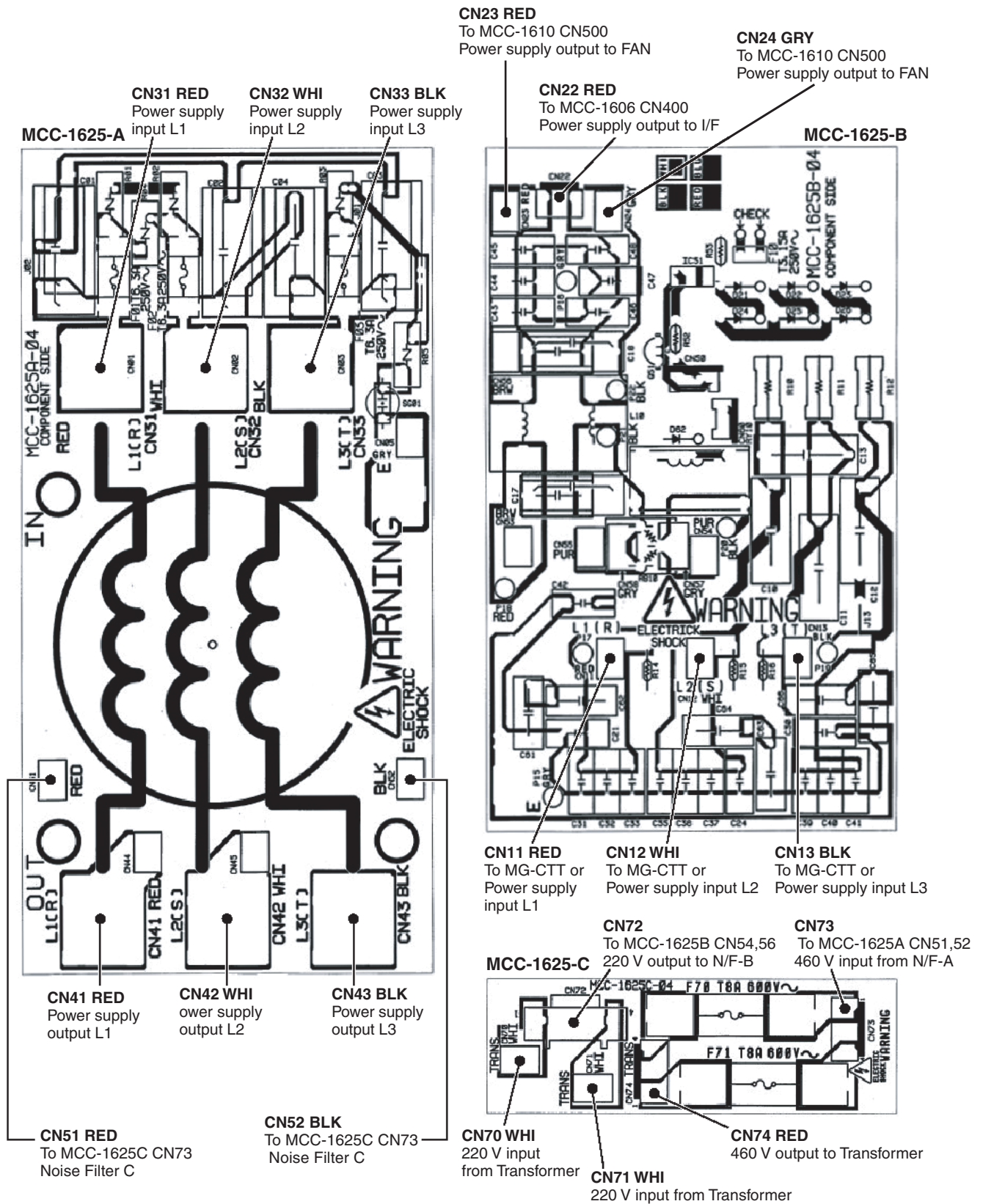
CN510

Reactor connecting
for Fan motor

CN511

Reactor connecting
for Fan motor





MCC-1511

Part No. 3026V018

HWS-803XWHM3-E, HWS-803XWHT6-E, HWS-803XWHD6-E, HWS-803XWHT9-E
HWS-1403XWHM3-E, HWS-1403XWHT6-E, HWS-1403XWHD6-E, HWS-1403XWHT9-E
HWS-802XWHM3-E, HWS-802XWHT6-E, HWS-1402XWHM3-E, HWS-1402XWHT6-E,
HWS-1402XWHT9-E

MCC-1571

Part No. 4316V399

HWS-803H-E, HWS-1102H-E, HWS-1402H-E

MCC-1571

Part No. 4316V400

HWS-HWS-1103H-E, HWS-1403H-E, HWS-802H-E

MCC-1596

Part No. 4316V416

HWS-1103H8-E, HWS-1403H8-E, HWS-1603H8-E, HWS-1103H8R-E, HWS-1403H8R-E,
HWS-1603H8R-E

MCC-1597

Part No. 4316V391

HWS-1103H8-E, HWS-1403H8-E, HWS-1603H8-E, HWS-1103H8R-E, HWS-1403H8R-E,
HWS-1603H8R-E

MCC-1599

Part No. 3026V015

HWS-1103H8-E, HWS-1403H8-E, HWS-1603H8-E, HWS-1103H8R-E, HWS-1403H8R-E,
HWS-1603H8R-E

MCC-1600

Part No. 4316V398

HWS-1103H8-E, HWS-1403H8-E, HWS-1603H8-E, HWS-1103H8R-E, HWS-1403H8R-E,
HWS-1603H8R-E

MCC-1615

Part No. 41175190

VN-M150HE, VN-M250HE, VN-M350HE, VN-M500HE, VN-M650HE, VN-M800HE,
VN-M1000HE, VN-M1500HE, VN-M2000HE

MMC-1615

Part No. 4316V456

MMD-VNK502HEXE, MMD-VNK802HEXE, MMD-VNK1002HEXE, MMD-VNK1002HEXE2
MMD-VNK502HEXE-TR, MMD-VNK802HEXE-TR, MMD-VNK1002HEXE-TR,
MMD-VN502HEXE, MMD-VN802HEXE, MMD-VN1002HEXE, MMD-VN1002HEXE2,
MMD-VN502HEXE-TR, MMD-VN802HEXE-TR, MMD-VN1002HEXE-TR,
MMD-VN502HMXE2-K, MMD-VN802HMXE2-K, MMD-VN1002HMXE2-K

MCC-5017

Part No. 4316V100

HWS-601XWH-E, HWS-601XWH-E2, HWS-601XW-E, HWS-601XH-E

MCC-5019

Part No. 4306S671

HWS-601XWH-E, HWS-601XWH-E2, HWS-601XW-E, HWS-601XH-E

MCC-1511

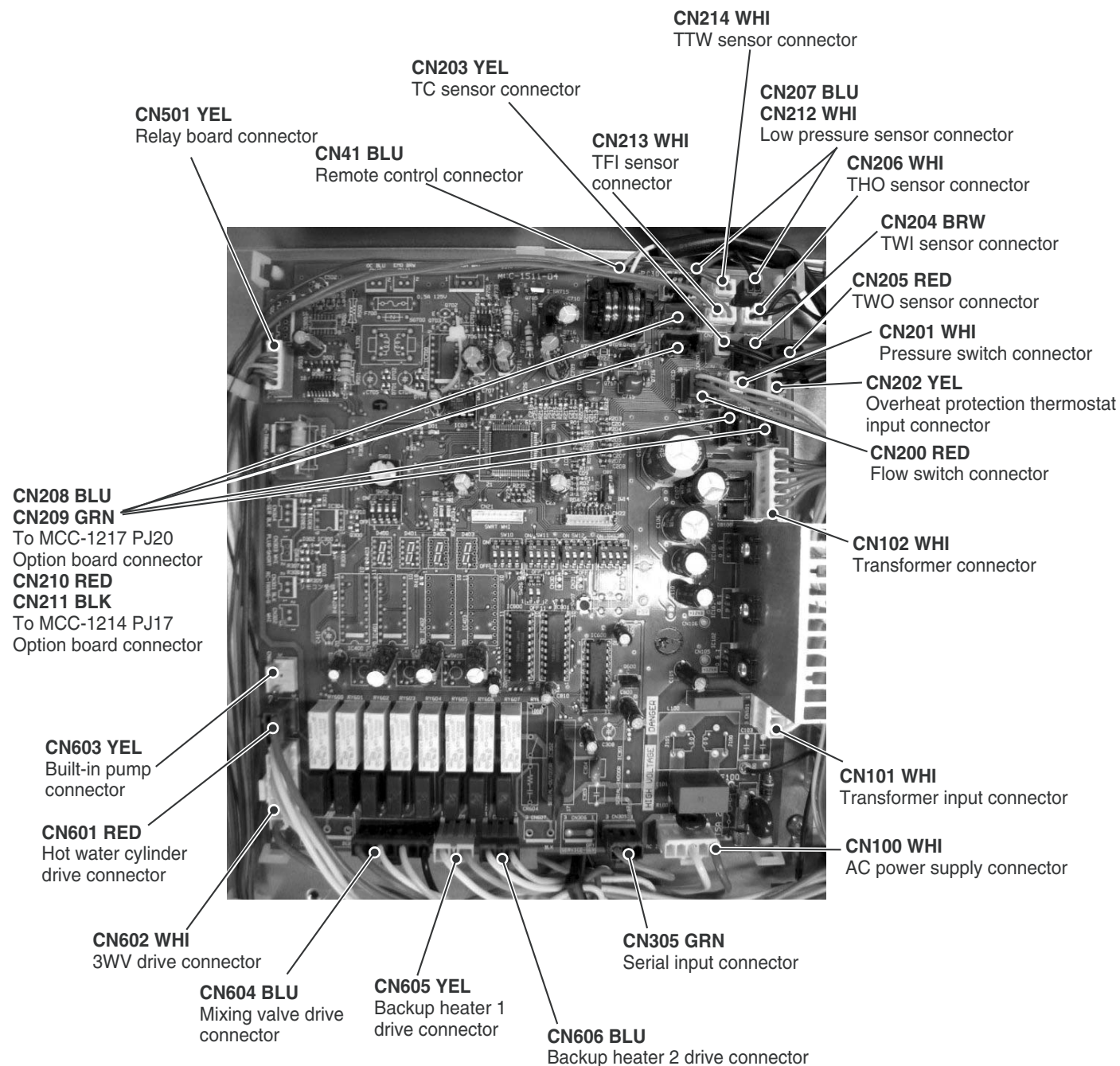
Part No. 3026V018

HWS-803XWHM3-E, HWS-803XWHT6-E, HWS-803XWHD6-E, HWS-803XWHT9-E

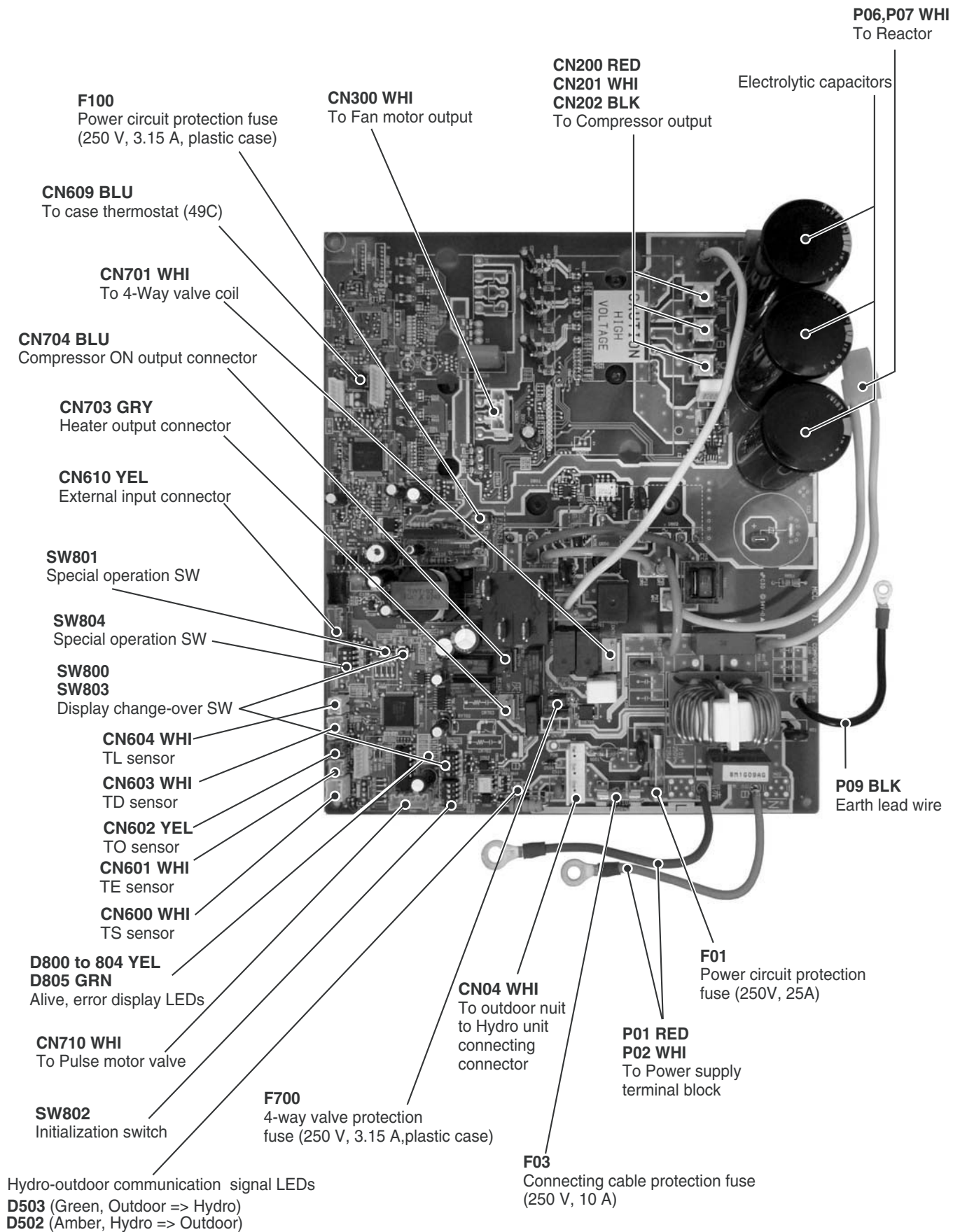
HWS-1403XWHM3-E, HWS-1403XWHT6-E, HWS-1403XWHD6-E, HWS-1403XWHT9-E

HWS-802XWHM3-E, HWS-802XWHT6-E

HWS-1402XWHM3-E, HWS-1402XWHT6-E, HWS-1402XWHT9-E

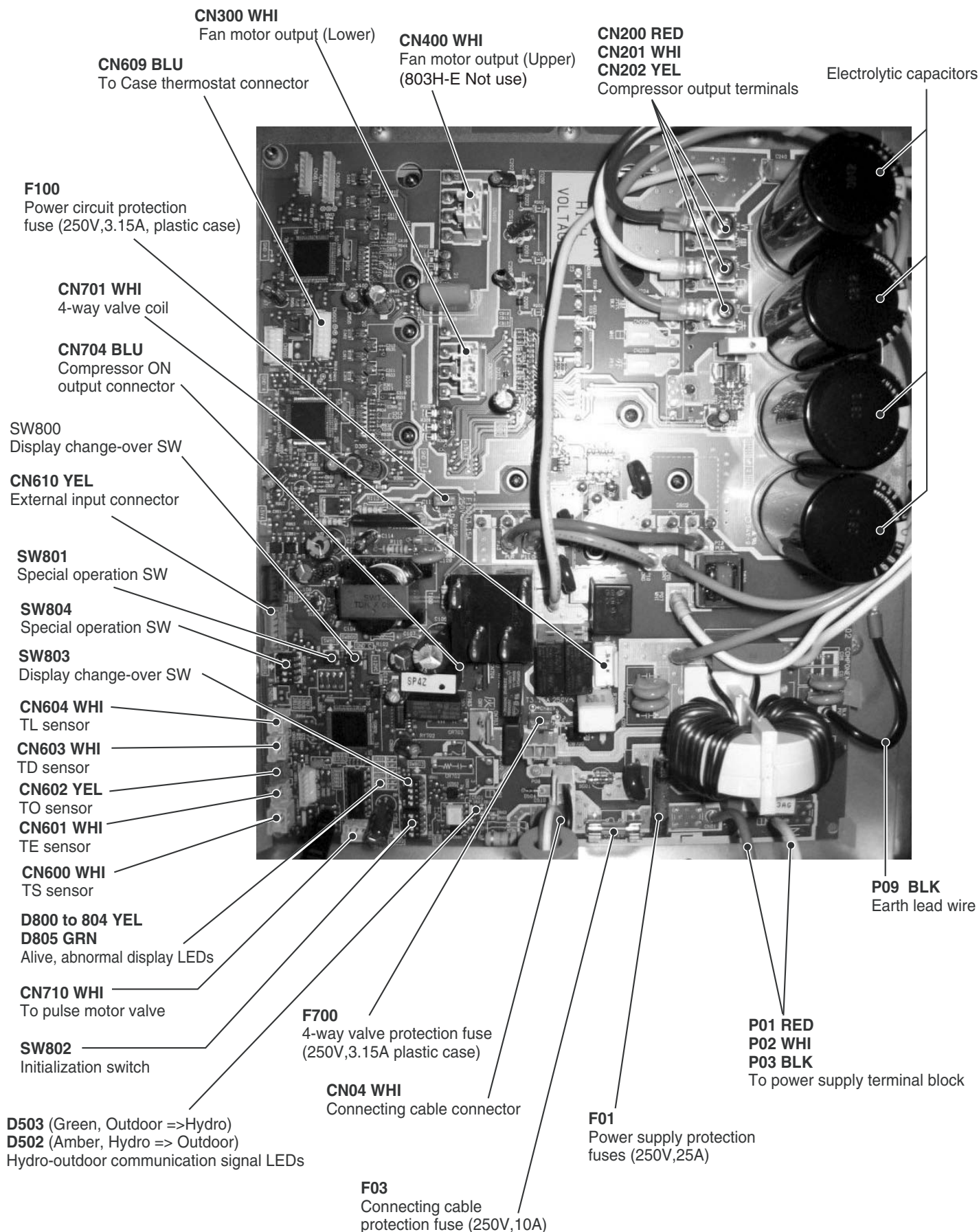


HWS-803H-E, HWS-1102H-E, HWS-1402H-E



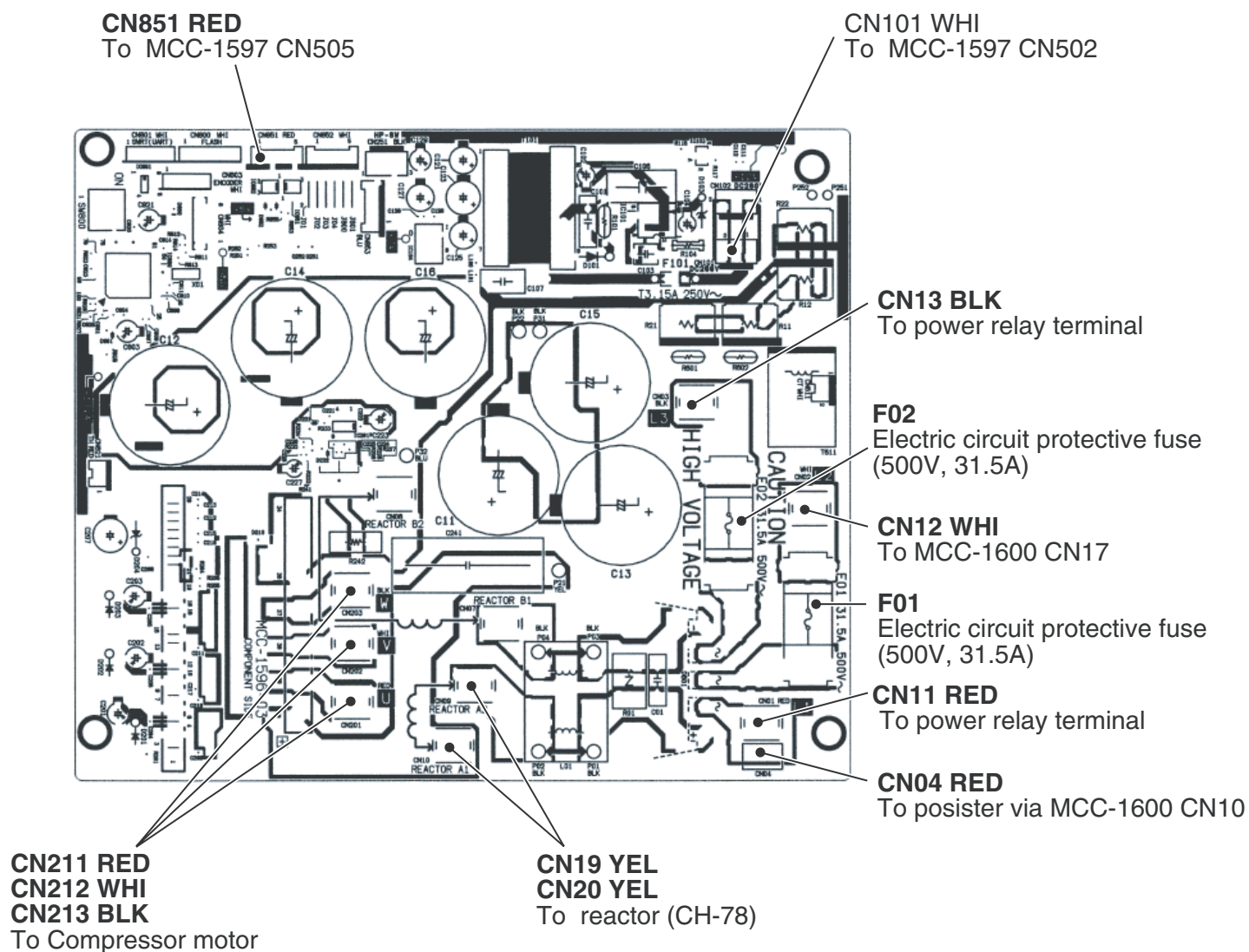
MCC-1571
HWS-HWS-1103H-E, HWS-1403H-E, HWS-802H-E

Part No. 4316V400

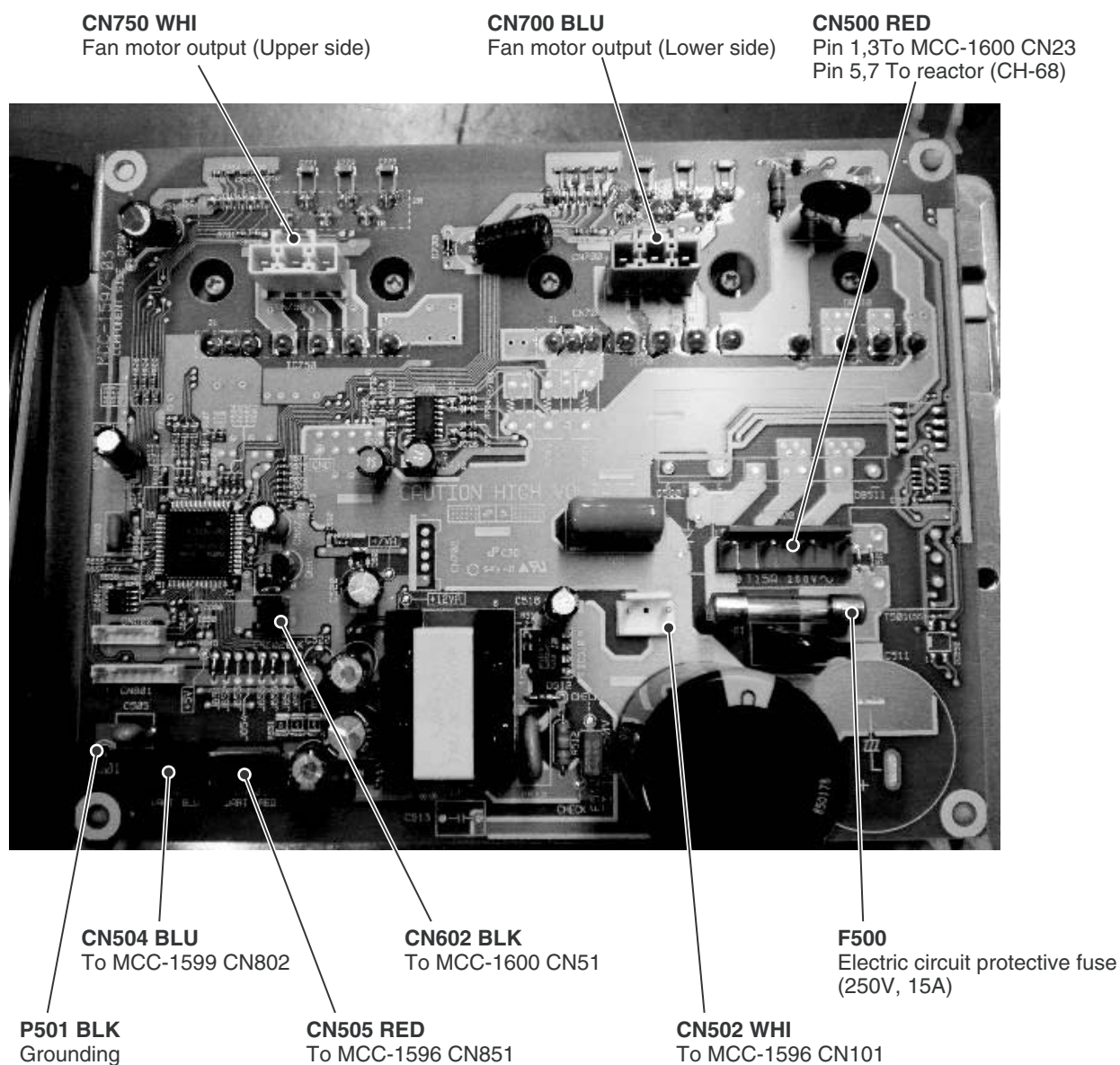


HWS-1103H8-E, HWS-1403H8-E, HWS-1603H8-E, HWS-1103H8R-E, HWS-1403H8R-E, HWS-1603H8R-E

HWS-1103H8-E, HWS-1403H8-E, HWS-1603H8-E, HWS-1103H8R-E, HWS-1403H8R-E, HWS-1603H8R-E



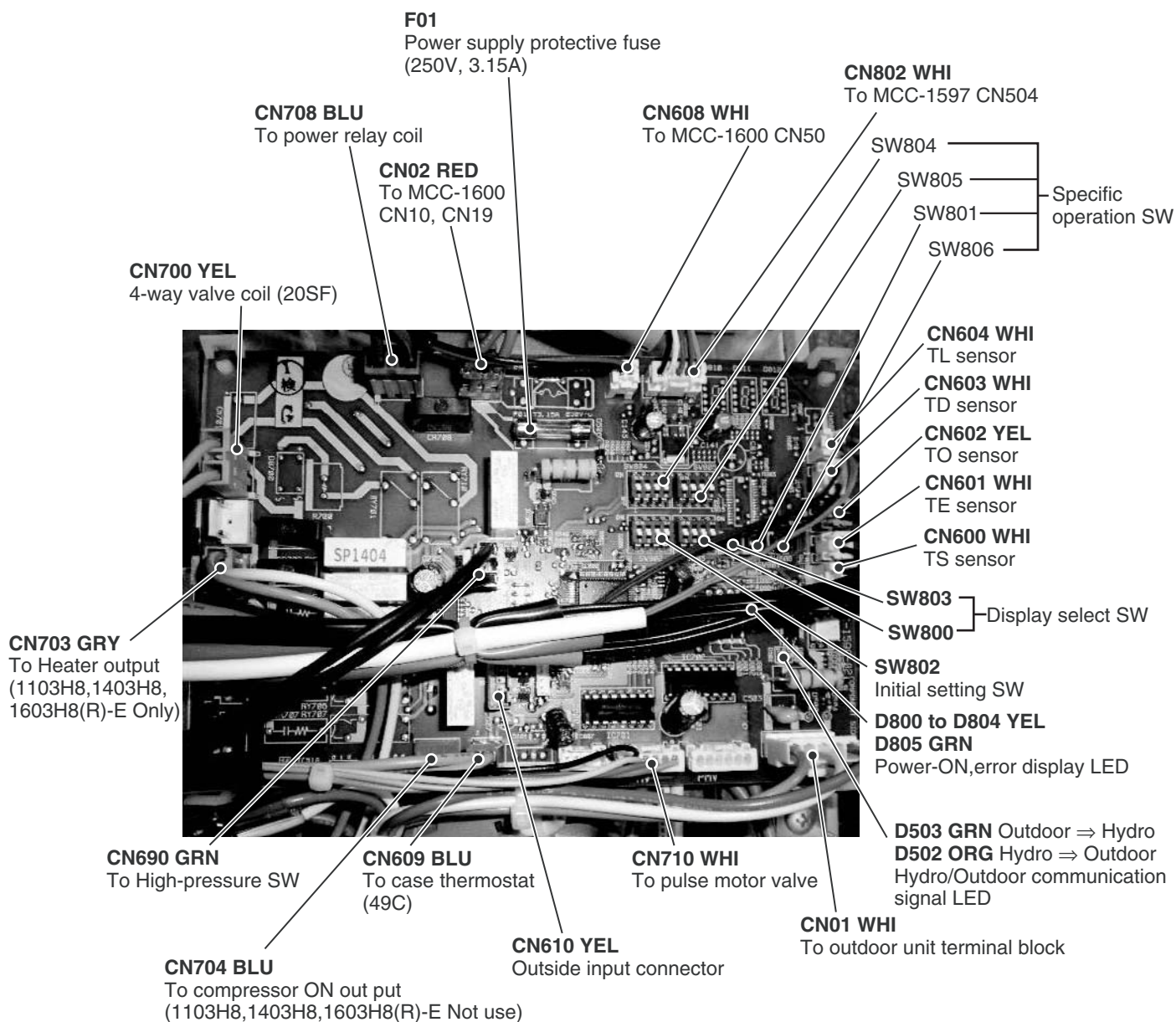
HWS-1103H8-E, HWS-1403H8-E, HWS-1603H8-E, HWS-1103H8R-E, HWS-1403H8R-E,
HWS-1603H8R-E



MCC-1599

Part No. 3026V015

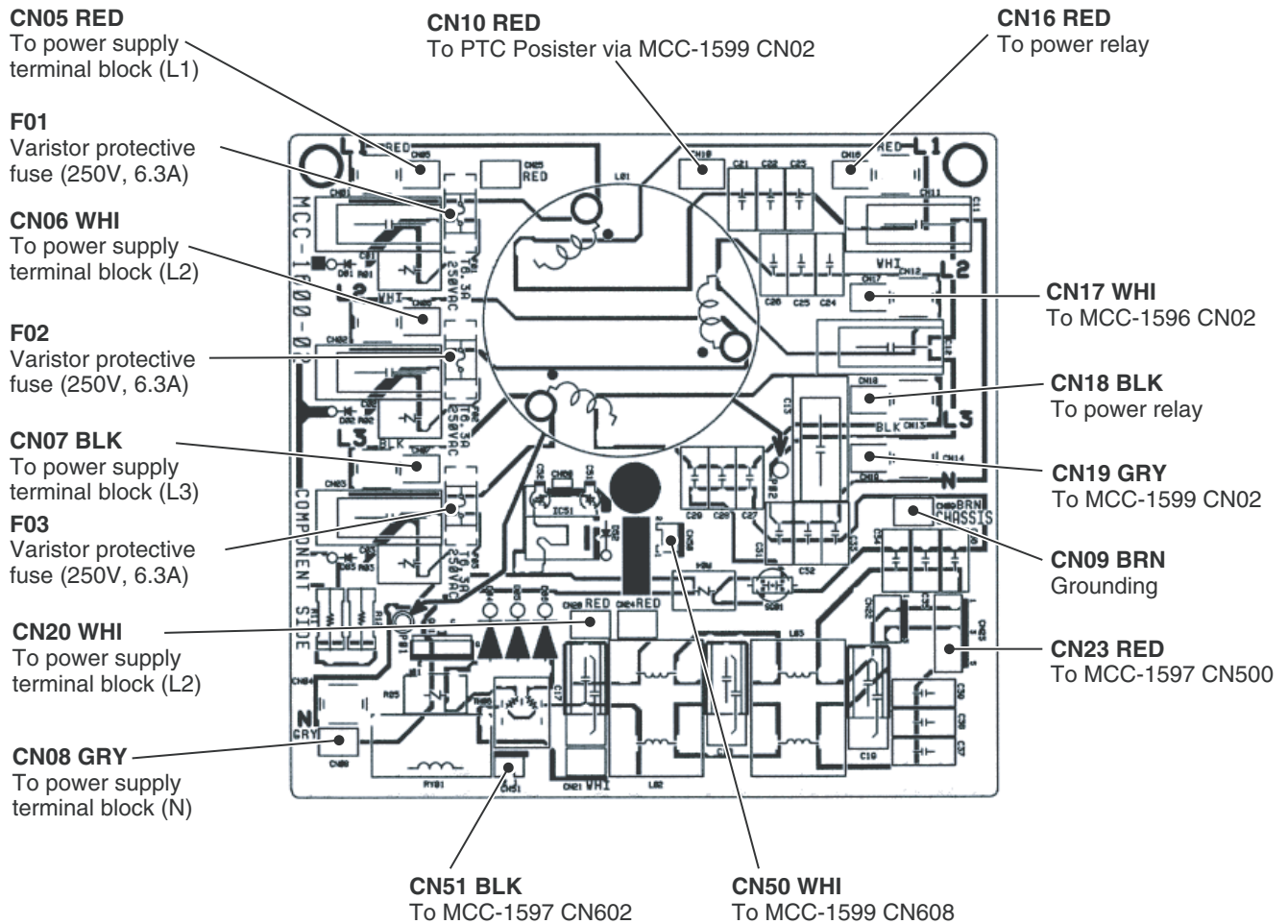
HWS-1103H8-E, HWS-1403H8-E, HWS-1603H8-E, HWS-1103H8R-E, HWS-1403H8R-E, HWS-1603H8R-E

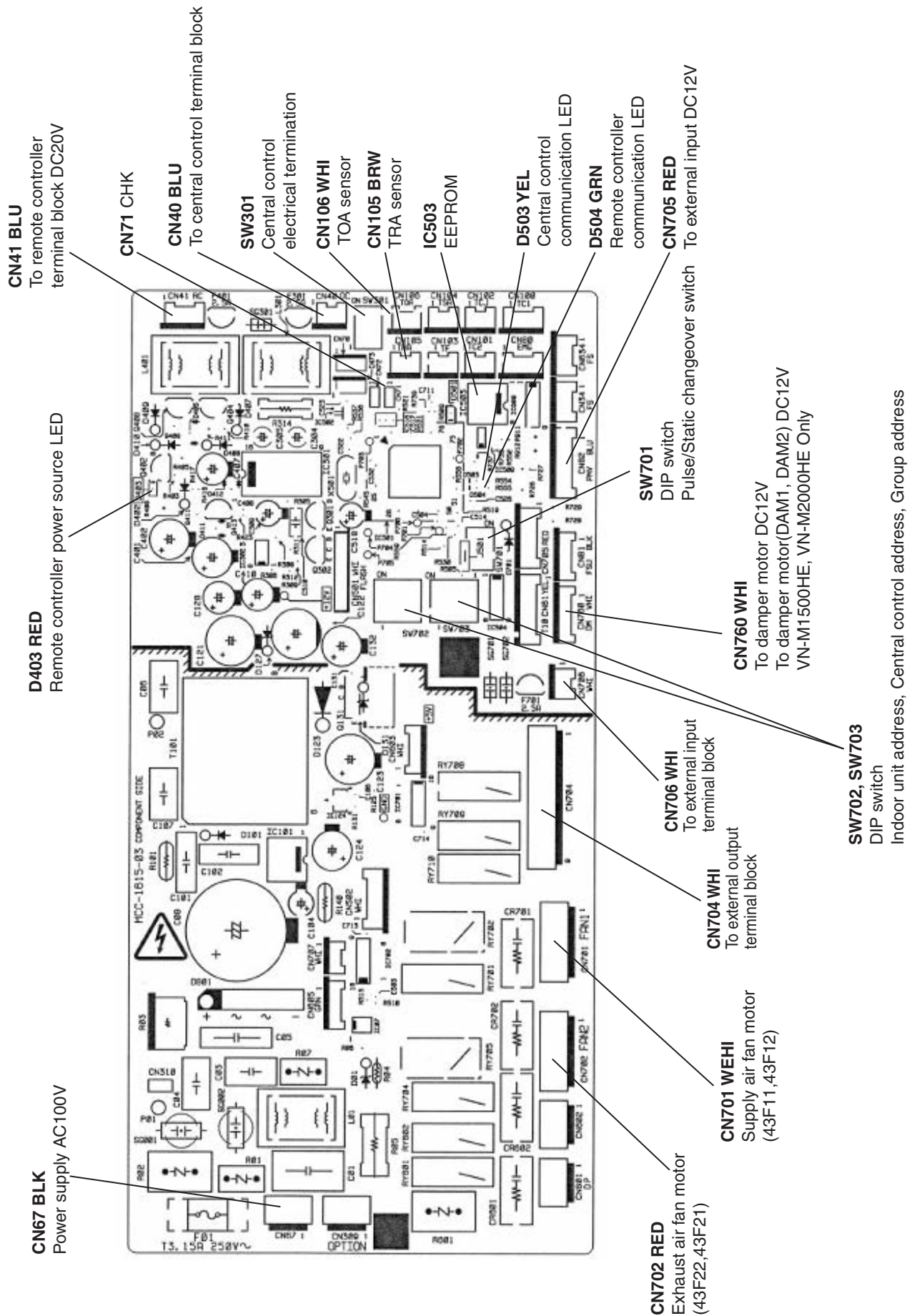


MCC-1600

Part No. 4316V398

HWS-1103H8-E, HWS-1403H8-E, HWS-1603H8-E, HWS-1103H8R-E, HWS-1403H8R-E,
HWS-1603H8R-E

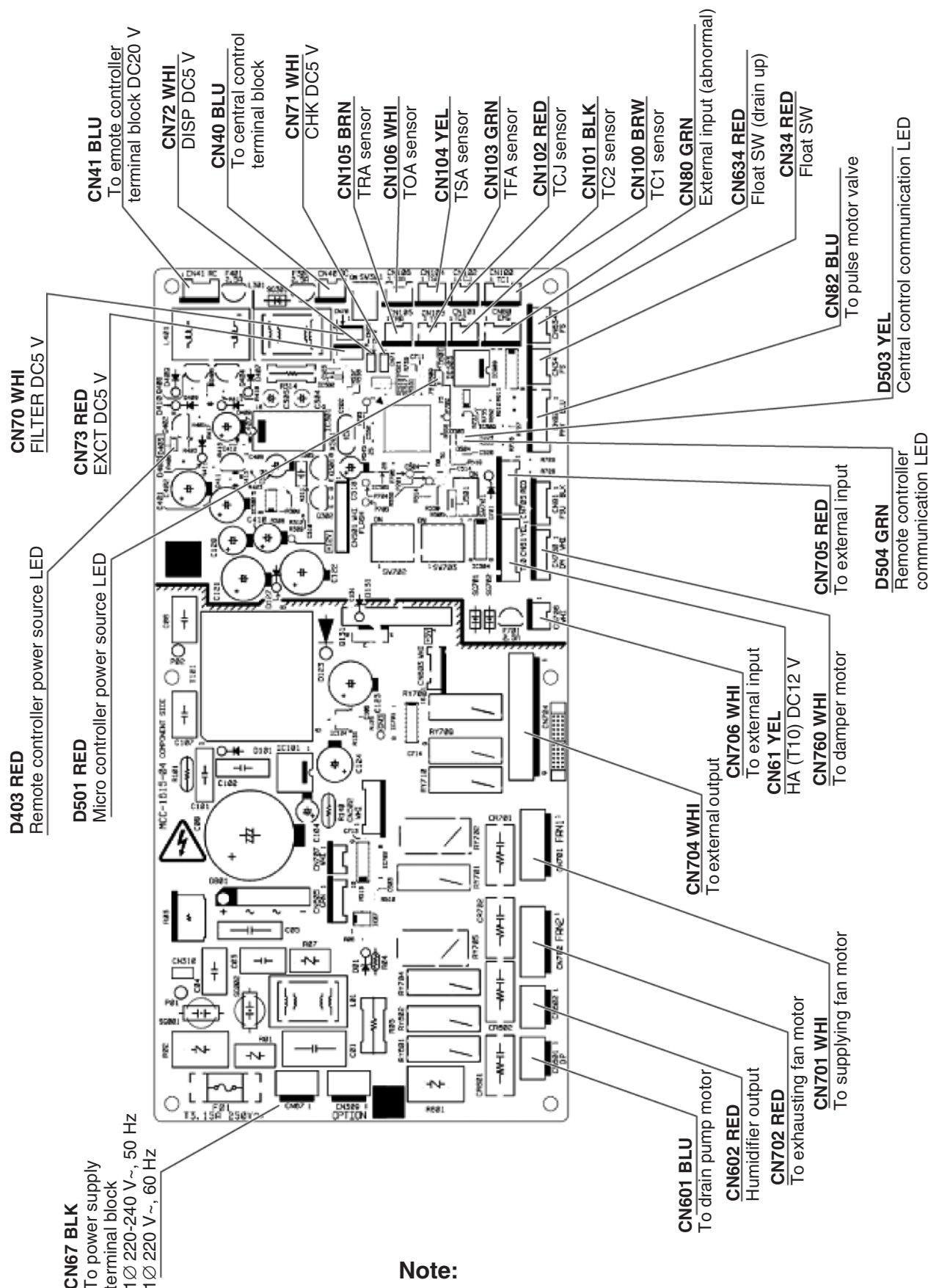




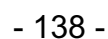
MMC-1615

Part No. 4316V456

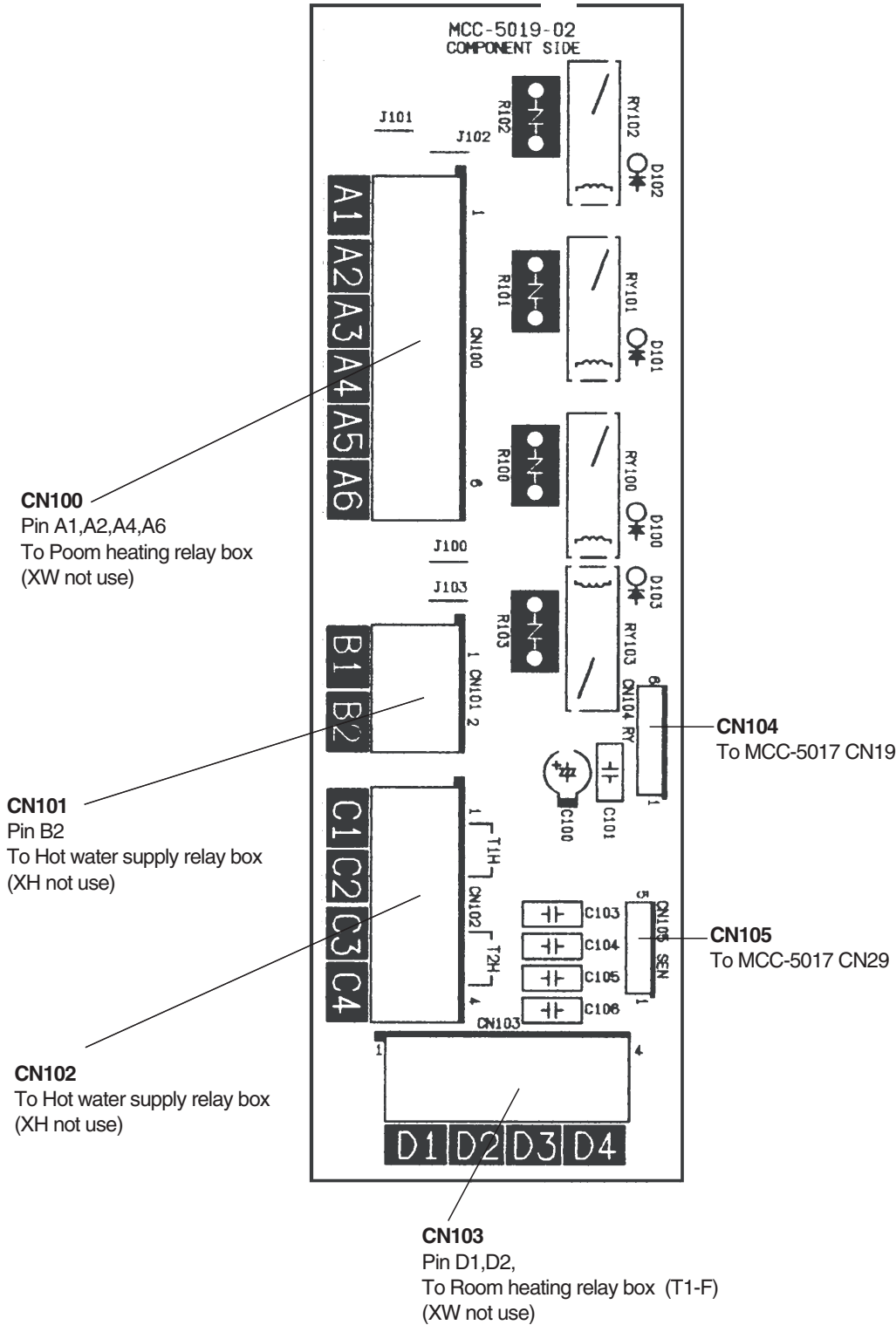
MMD-VNK502HEXE, MMD-VNK802HEXE, MMD-VNK1002HEXE, MMD-VNK1002HEXE2
MMD-VN502HEXE-TR, MMD-VN802HEXE-TR, MMD-VN1002HEXE-TR,
MMD-VN502HEXE, MMD-VN802HEXE, MMD-VN1002HEXE, MMD-VN1002HEXE2,
MMD-VN502HEXE-TR, MMD-VN802HEXE-TR, MMD-VN1002HEXE-TR,
MMD-VN502HMXE2-K, MMD-VN802HMXE2-K, MMD-VN1002HMXE2-K



Note:
CN602 RED
Humidifier output
(VN502HEXE, -TR and VN1002HEXE2 Not use)



HWS-601XWH-E, HWS-601XWH-E2, HWS-601XW-E, HWS-601XH-E



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