MAIN P.C.B.

DIGITAL P.C.B.

IC1509
(REG.D+1.2V)
VIN ① VB ② VOUT ③

IC1510
(REG.D+1.5V)
VIN ⑦ VIN ⑧ VB ③ CONT ④ VOUT ①

Ⓐ D+1.8V

IC7505
(SYS PFAIL Ⓛ OUT)
VDD ② OUT ①

Ⓗ:ON

QR7502
(SYS PFAIL Ⓗ OUT)

IC7501- ㊽

Ⓑ D+3.3V

REG.D+1.2V — P7402 | P9001 — 82,86,88 → IC6001(+1.2V)

REG.D+1.5V — P7402 | P9001 — 78,80,84 → IC3404/IC3501(+1.5V)

D+3.3V — P7402 | P9001 — 74,76 → IC3401/IC3402/IC3404/IC3408/IC3501/IC3502/IC4407/IC4408/IC6001/IC6002/IC6003/IC6004/IC6005/IC6006/IC50001/IC50002/IC6701/IC6703(+3.3V)

Ⓒ POWER ON Ⓗ

IC1508
(REG.ANA+3.3V)
VIN ① VOUT ③ Ⓗ:ON ②

Ⓓ X SW+5.8V

REG.ANA+5V — P7402 | P9001 — 79 → IC3401(+5V)

REG.ANA+3.3V — P7402 | P9001 — 75 → IC3401/IC3404/IC6001(+3.3V)

(Audio Main Sec.)

IC4011
(REG.AU+5V)
VIN ④ VOUT ⑤ Ⓗ:ON ③

REG.AU+5V — P7402 | P9001 — 68

(Timer Sec.)

IC7503
(RESET)
VDD ② OUT ①

IC7501- ㊽

IC4409
(REG.DAC+3.3V)
VIN ① VOUT ⑥ Ⓗ:ON ③

IC4404/IC4406(+3.3V)

IC4404/IC4405/IC4406(+5V)

IC1502
(REG.JC+5V)
VIN ① VOUT ③ Ⓗ:ON ②

JC REG+5V → DU7402- ⑭/㉕, IC3002- ③, IC3003- ⑥/⑪

JC P ON Ⓗ → IC7501- ㊾

IC1507
(REG.D+5V)
VIN ⑧ VOUT ① CONT ⑤

REG.D+5V — P7402 | P9001 — 83 → IC3409 (REG.D+3.3V) VIN ③ VOUT ④ STBY ① → IC3406(+3.3V)

IC4005- ⑧/IC4006- ②/IC4007- ①, ⑤

IC1506
(REG.ANA+5V)
VIN ④ VOUT ⑤ Ⓗ:ON ③

D7508

IC1505
(REG.XSW+5.2V)
VIN ⑧ VOUT ① CONT ⑤

N SW+5V → IC7501/IC7502/IC7504

N SW+5V → IC7501

IC7508
(RESET)
VDD ⑤ OUT ④

IC7501- ⑪

NICAM DECODER P.C.B.

IC7501- ⑥/㉟

IC7302
(RESET)
VDD ① OUT ③

IC7301- ㉖

IP7501 ① ②

T7501
(DISPLAY REG.)
④ ⑥

UNREG+38V → TO DU7402- ⑯

(Timer Sec.)

POWER ON Ⓗ → IC7501- ㊽

REG.JC+5V — PK7701 | PK7301 — 7

Ⓔ X SW+13V

IC7506- ⑧/Q7512- ②

IC4010
(REG.AU+12V)
VIN ① VOUT ③ Ⓗ:ON ②

IC4013
(REG.AU+9V)
VIN ③ VOUT ①

IC4001- ㉚

IC4009/IC4012- ⑧

(Audio Main Sec.)

IC7402
(REG.+5V)
VIN ① VOUT ⑥ Ⓗ:ON ③

DU7402- ①

BOOSTER +5V — PP7401 | PS3901 — 4 → IC3901- ㉙

IC7403
(REG.+5V)
VIN ① VOUT ③ Ⓗ:ON ②

PS+5V → IC3001(+5.0V)

REG.+5V — PP7401 | PS3901 — 5 → IC3901- ㉔

QR7401

Ⓗ:ON

PWR SAVE Ⓗ → IC7501- ㊽

PS+12V — PP7401 | PS3901 — 14 → IC3901- ⑭

IC7401
(REG.PS+12V)
VIN ① VOUT ③ Ⓗ:ON ②

SCART P.C.B.

(Main Net Sec.)

DMR-E85HEP
Power Supply Block Diagram

DMR-E85HEP
Power Supply Block Diagram