

AMPPOWER

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Notes)

Safety measures

- Some internal parts in this product contain high voltages and are dangerous. Be sure to take safety measures during servicing, such as wearing insulating gloves.
- Note that the capacitors indicated below are dangerous even after the power is turned off because an electric charge remains and a high voltage continues to exist there. Before starting any repair work, connect a discharging resistor (5 k-ohms/10 W) to the terminals of each capacitor indicated below to discharge electricity. The time required for discharging is about 30 seconds per each.
- C1822-1828 on AMPPOWER (1) P.C.B.

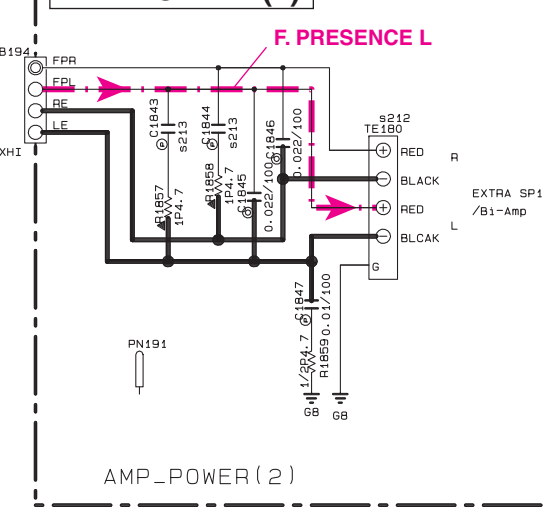
注意)

安全対策

- この製品の内部には高電圧部分があり危険です。修理の際は、絶縁性の手袋を使用などの安全対策を行ってください。
- 下記のコンデンサには電源を OFF にした後も電荷が残り、高電圧が維持されており危険です。修理作業前に放電用抵抗 (5 kΩ/10 W) を下記の各コンデンサの端子間に接続して放電してください。放電所用時間は各々約 30 秒間です。
- AMPPOWER (1) P.C.B. の C1822 ~ 1828

AMPPOWER (4) AMPPOWER (5)

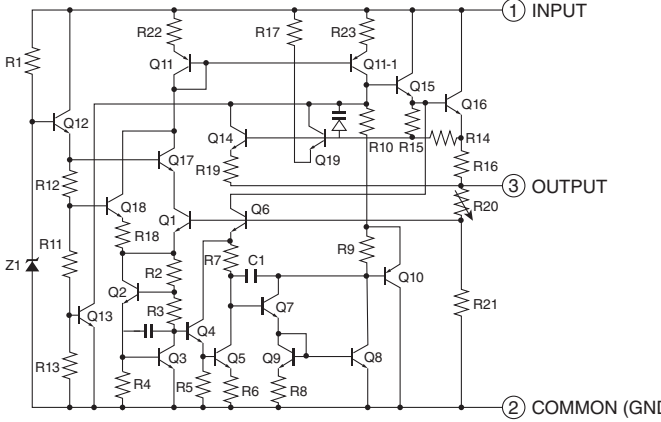
AMPPOWER (2)



ZONE2/ZONE3/
F. PRESENCE/
BI-AMP
L/R

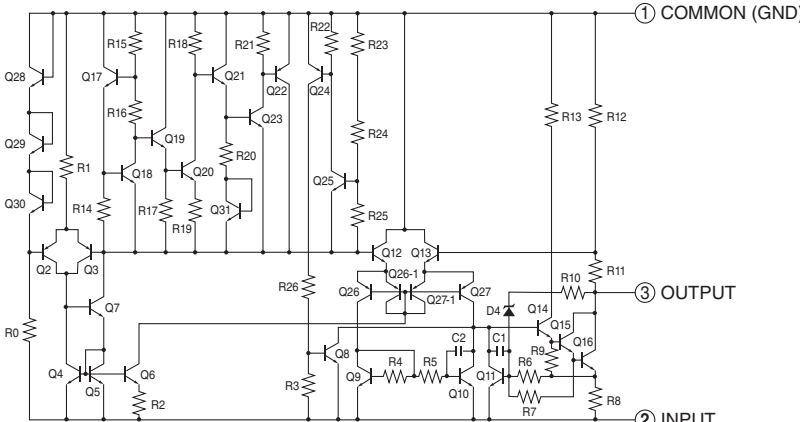
IC180: KIA7812API

Voltage regulator



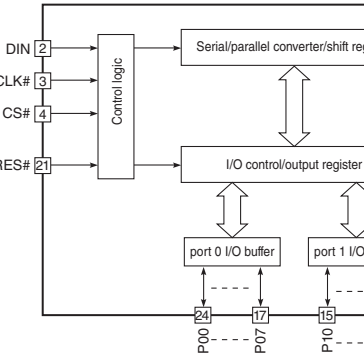
IC181: KIA7912PI

Voltage regulator



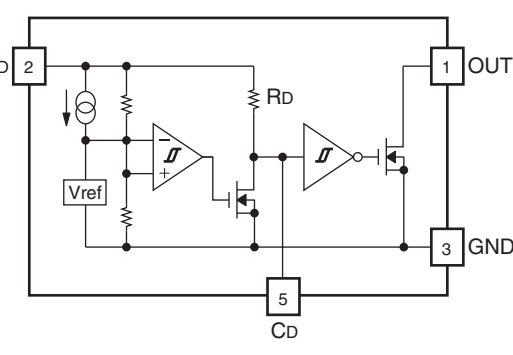
IC182: LC709004A-TLM-E

I/O-expander for microcontroller



IC184: R3112N421A-TR-F

Low voltage detector with output delay



sXK	LOC	J	U	C	R	T	K	A	BGF	L
#002	C1833 C1838 C1837 C1835	W029570 0.022/100	W051060 0.022/100	W051060 0.022/100	W051060 0.022/100	W051060 0.022/100	W051060 0.022/100	W051060 0.022/100	W029570 0.022/100	W051060 0.022/100
#003	C1841 C1839 C1824	W053660 0.022/100	W053660 0.022/100	W053660 0.022/100	W053660 0.022/100	W053660 0.022/100	W053660 0.022/100	W053660 0.022/100	W053660 0.022/100	W053660 0.022/100
#004	C1829 C1824	W070540 6800/25	W070540 6800/25	W070540 6800/25	W070540 6800/25	W070540 6800/25	W070540 6800/25	W070540 6800/25	W070540 6800/25	W070540 6800/25
#005	C1828	W191080 10000/16	W191080 10000/16	W191080 10000/16	W191080 10000/16	W191080 10000/16	W191080 10000/16	W191080 10000/16	W191080 10000/16	W191080 10000/16
#006	R1871	RD36500 0	RD36500 1-2K	RD36500 1-2K	RD36500 1-2K	RD36500 1-2K	RD36500 1-2K	RD36500 1-2K	RD36500 1-2K	RD36500 1-2K
#007	SW181	X	X	X	X	X	X	X	X	X
#008	F181	X	X	X	X	X	X	X	X	X
#009	CB188 CB189	X	X	X	X	X	X	X	X	X
#010	CB201	X	X	X	X	X	X	X	X	X
#011	C1820 C1821	W013360 3300/25	W04933 3300/25	W04933 3300/25	W04933 3300/25	W04933 3300/25	W04933 3300/25	W04933 3300/25	W04933 3300/25	W04933 3300/25
#012	TE180	M01-224VD-01-01 0.022/100	M01-224VD-01-76 0.022/100	M01-224VD-01-76 0.022/100	M01-224VD-01-76 0.022/100	M01-224VD-01-01 0.022/100	M01-224VD-01-01 0.022/100	M01-224VD-01-01 0.022/100	M01-224VD-01-01 0.022/100	M01-224VD-01-01 0.022/100
#013	C1843 C1844	W010900 0.022/100	W010900 0.022/100	W010900 0.022/100	W010900 0.022/100	W010900 0.022/100	W010900 0.022/100	W010900 0.022/100	W010900 0.022/100	W010900 0.022/100

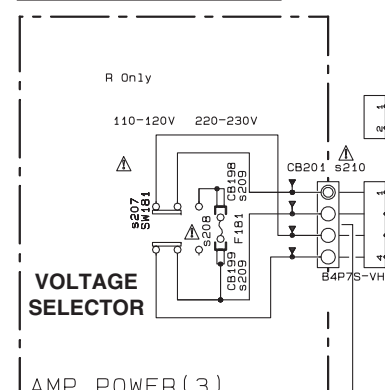
REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=5)
①	CARBON FILM RESISTOR (P=10)
②	METAL OXIDE FILM RESISTOR
③	METAL FILM RESISTOR
④	METAL PLATE RESISTOR
⑤	FIRE PROOF CARBON FILM RESISTOR
⑥	CEMENT MOLDED RESISTOR
⑦	SEMI VARIABLE RESISTOR
⑧	CHIP RESISTOR

REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
①	TANTALUM CAPACITOR
②	CERAMIC TUBULAR CAPACITOR
③	POLYESTER FILM CAPACITOR
④	POLYSTYRENE FILM CAPACITOR
⑤	MICA CAPACITOR
⑥	POLYPROPYLENE FILM CAPACITOR
⑦	SEMICONDUCTIVE CERAMIC CAPACITOR
⑧	POLYPHENYLENE SULFIDE FILM CAPACITOR

NOTICE (model)

(J)..... JAPAN
(U)..... U.S.A.
(C)..... CANADA
(R)..... GENERAL
(T)..... CHINA
(K)..... KOREA
(A)..... AUSTRALIA
(B)..... BRITISH
(G)..... EUROPE
(L)..... SINGAPORE
(E)..... SOUTH EUROPE
(V)..... TAIWAN
(F)..... RUSSIAN
(P)..... LATIN AMERICA
(S)..... BRAZIL
(H)..... THAI

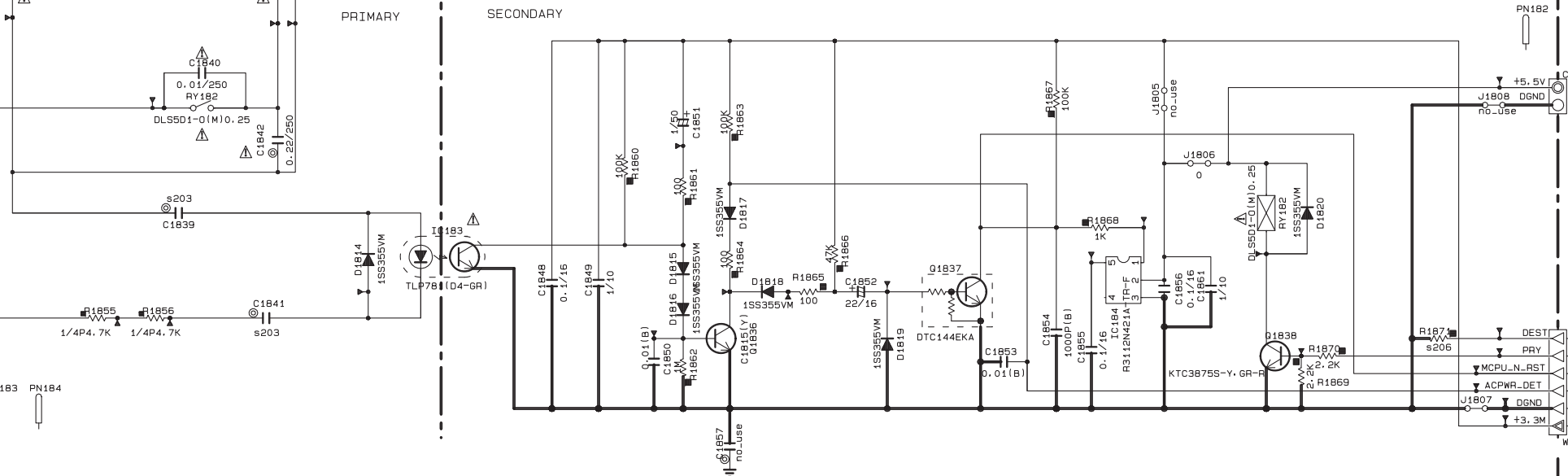
AMPPOWER (3) R model



to POWER TRANSFORMER

to POWER TRANSFORMER

TRANSFORMER NUMBER	MODEL	UC	R	AL	TK	BGF
RX-V1067	YC60	YC62	YC63	YC64	YC65	YC66
RX-V2067	YC62	YC64	YC67	YC69	YC68	YC69
RX-V3067	YC63	YC65	YC67	YC69	YC68	YC69



- Components having special characteristics are marked Δ and must be replaced with parts having specifications to those originally installed.
- Schematic diagram is subject to change without notice.
- 印のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
- 本回路図は標準回路図です。改良のため予告なく変更することがあります。