

RAPID CHARGER

KSC-35S

SERVICE MANUAL

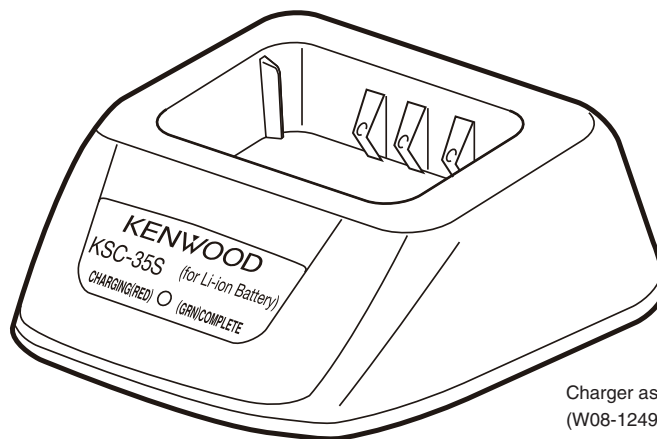
T version

KENWOOD

Kenwood Corporation

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This product (KSC-35S) is different from the KSC-35.
Do not use the KSC-35 AC adapter.



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KNB-45L (Li-ion Battery Pack)	BACK COVER
KNB-63L (Li-ion Battery Pack)	BACK COVER

KSC-35S

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PARTS LIST

* : New Parts

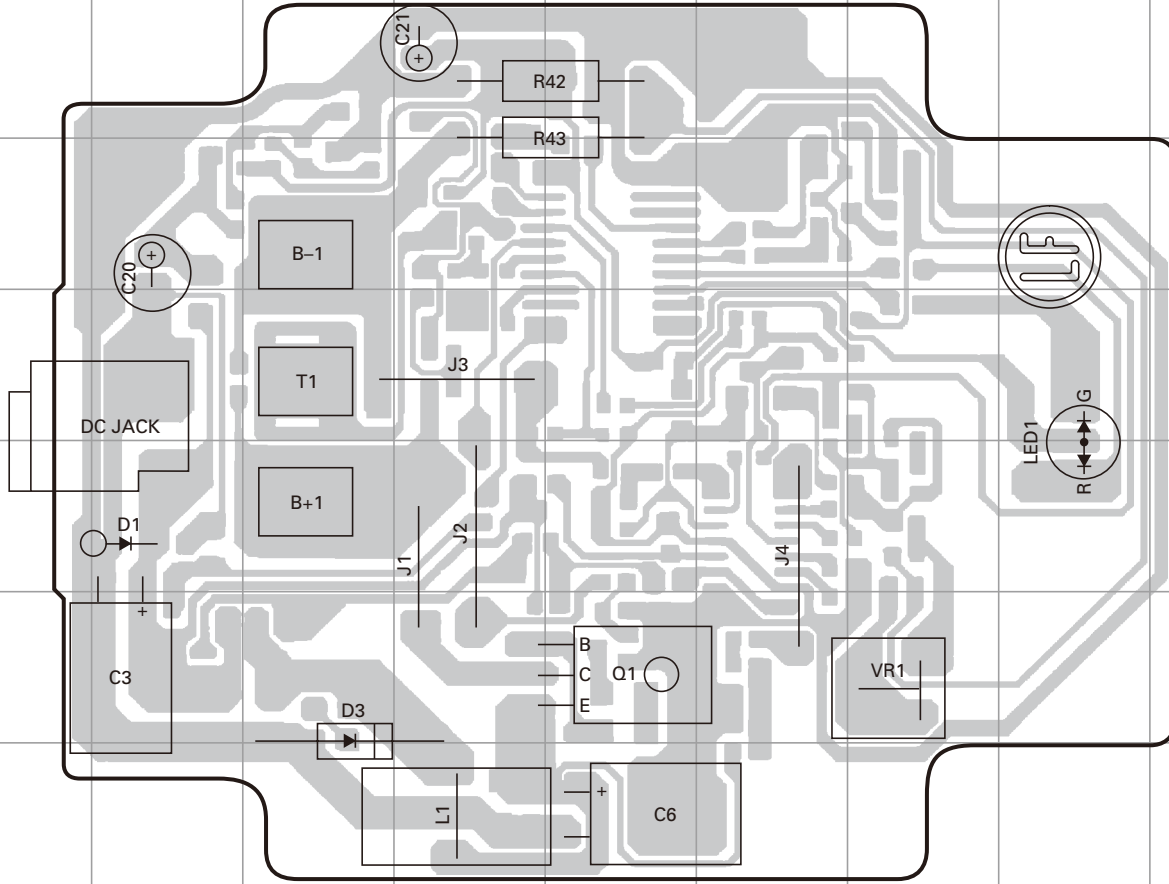
Ref. No.	Address	New parts	Parts No.	Description	Destination
KSC-35S					
		*	W08-1251-05	AC ADAPTER	
			W08-1249-05	CHARGER ASSY	

SPECIFICATIONS

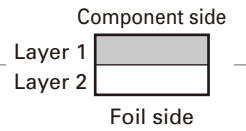
AC Voltage	100~240V
Dimensions (W x H x D)	86.3 x 43.2 x 100.0 mm
Weight (charger only)	Approx. 95g
Approximate Charging Times	
KNB-45L (Li-ion : 7.4V, 2000mAh).....	180 minutes
KNB-63L (Li-ion : 7.4V, 1130mAh).....	180 minutes

PC BOARD KSC-35S

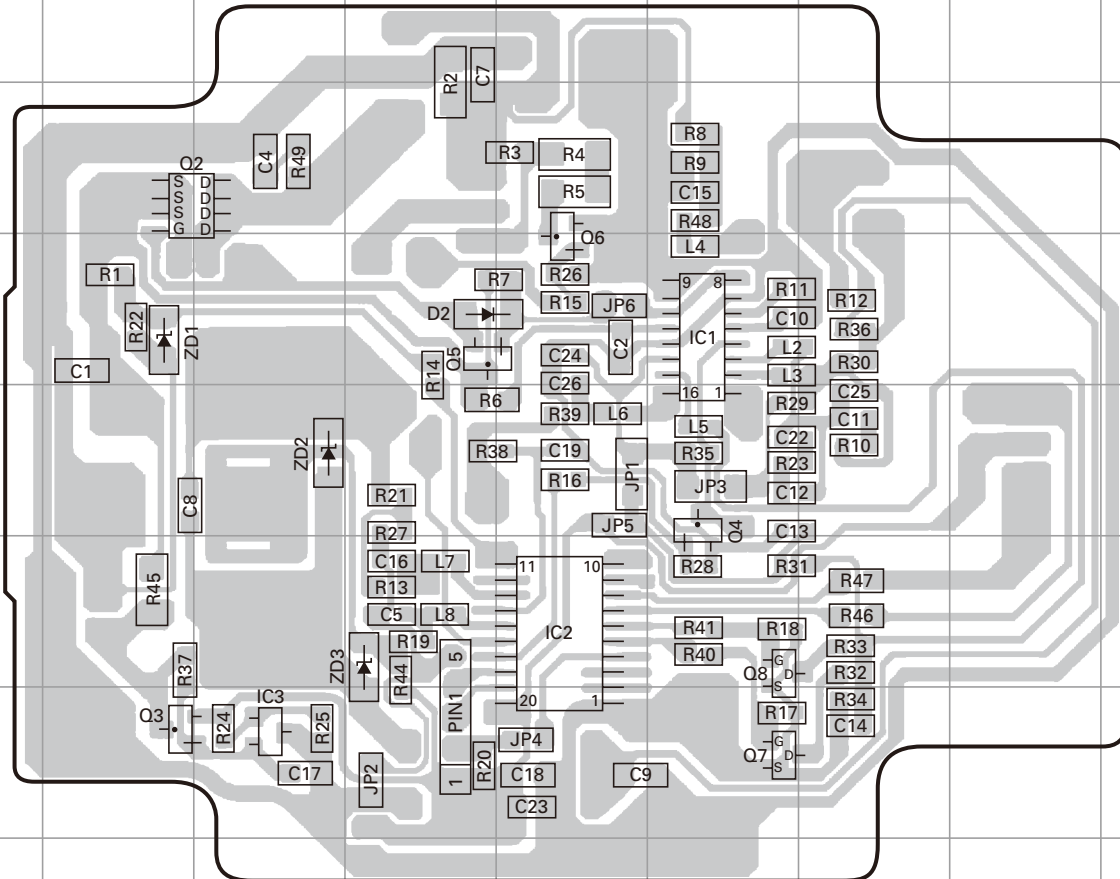
CHARGER UNIT Component side view



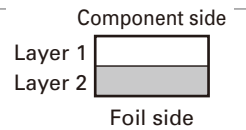
Ref. No.	Address
Q1	6E
D1	5B
D3	6C
LED1	5H



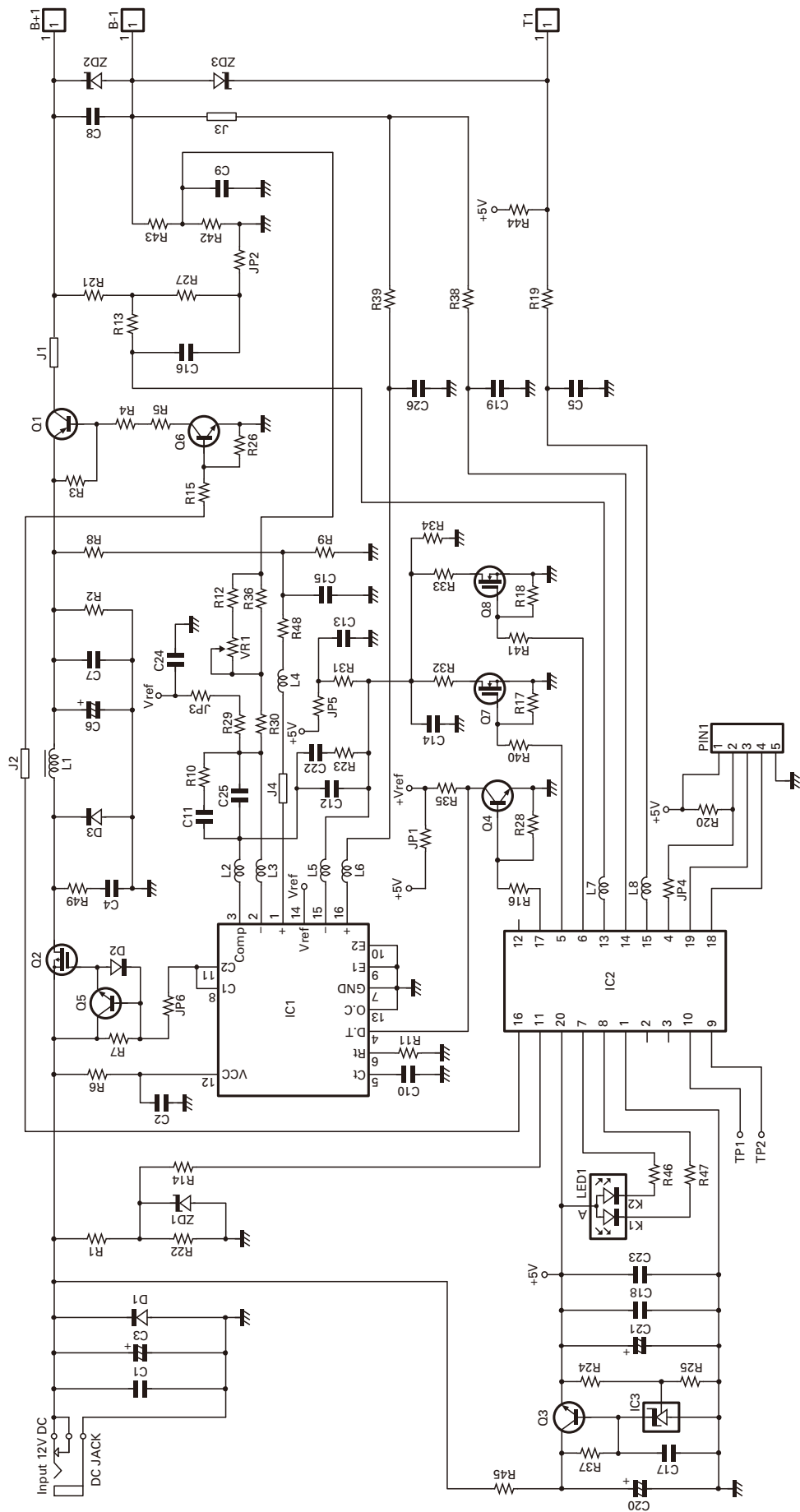
CHARGER UNIT Foil side view



Ref. No.	Address
IC1	10F
IC2	12E
IC3	13C
Q2	9B
Q3	13B
Q4	11F
Q5	10D
Q6	10E
Q7	13F
Q8	12F
D2	10D
ZD1	10B
ZD2	11C
ZD3	12D

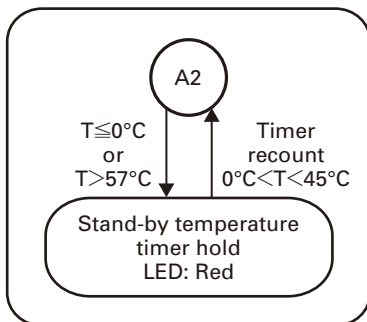
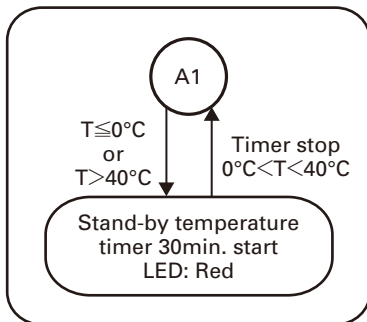
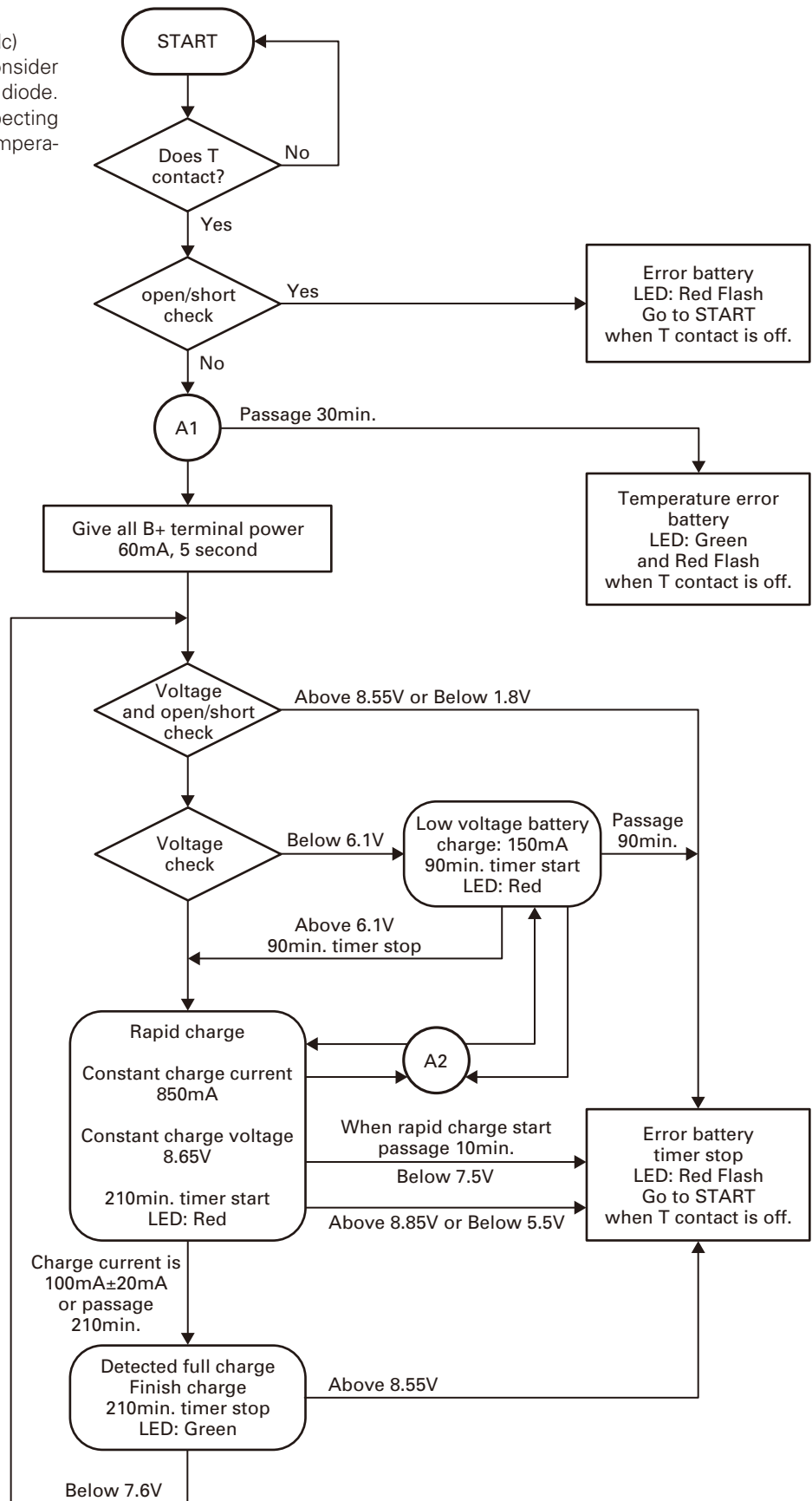


KSC-35S SCHEMATIC DIAGRAM



FLOW CHART

- About voltage write down,
 $V_B = (B1 + \text{voltage}) - V_f$ ($V_f \approx 0.25V_{dc}$)
 Therefore battery voltage must consider V_f of protected reverse connection diode.
- Battery voltage should be kept inspecting when charge condition and on temperature stand-by condition.



KSC-35S

BATTERY PACK

KNB-45L (Li-ion Battery Pack)

■ External View



■ Specifications

Voltage.....7.4V
Battery capacity..... 2000mAh

KNB-63L (Li-ion Battery Pack)

■ External View



■ Specifications

Voltage.....7.4V
Battery capacity..... 1130mAh

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