

SERVICE MANUAL

ADDITIONAL INFORMATION

CASSETTE TAPE DECK

CT-3131

PV, Q, KU, KC

CT-4141

PV, Q, KU, KC

NOTE:

BOTH MODELS CT-4141 AND CT-3131 COME IN FOUR VERSIONS
DISTINGUISHED AS FOLLOWS:

Pound label on rear panel	Voltage	Type
KC KU PV Q	120V only 120V only 120V/220V 120V/240V	CSA approved (Canada) UL approved (U.S.A.) SEV approved (Switzerland) General export model

PIONEER®

ELECTRO-PARTS OF CT-4141

- CAPACITORS: IN μ F UNLESS OTHERWISE NOTED p: pF
- RESISTORS: IN Ω , $\frac{1}{2}$ W UNLESS OTHERWISE NOTED k: k Ω , M: M Ω

Common Parts of PV, Q, KC and KU Models

CAPACITORS

Symbol	Description	Part No.
C2	Mylar 0.01 50V	CQMA 103K 50
C3	Mylar 0.0015 50V	CQMA 152K 50
C4	Mylar 0.0015 50V	CQMA 152K 50

RESISTORS AND POTENTIOMETERS

Symbol	Description	Part No.
R1	Carbon film 330k	RD $\frac{1}{2}$ PS 334J
R2	Carbon film 330k	RD $\frac{1}{2}$ PS 334J
R3	Carbon film 3.3k	RD $\frac{1}{2}$ PS 332J
R4	Carbon film 3.3k	RD $\frac{1}{2}$ PS 332J
R5	Carbon film 56k	RD $\frac{1}{2}$ PS 563J
R6	Carbon film 56k	RD $\frac{1}{2}$ PS 563J
R7	Carbon film 15k	RD $\frac{1}{2}$ VS 153J
R8	Carbon film 15k	RD $\frac{1}{2}$ VS 153J
VR103	Slide type (REC.-L) 20k-A	RCW-001-0
VR104	Slide type (P.B.-L) 20k-A	RCW-001-0
VR203	Slide type (REC.-R) 20k-A	RCW-001-0
VR204	Slide type (P.B.-R) 20k-A	RCW-001-0

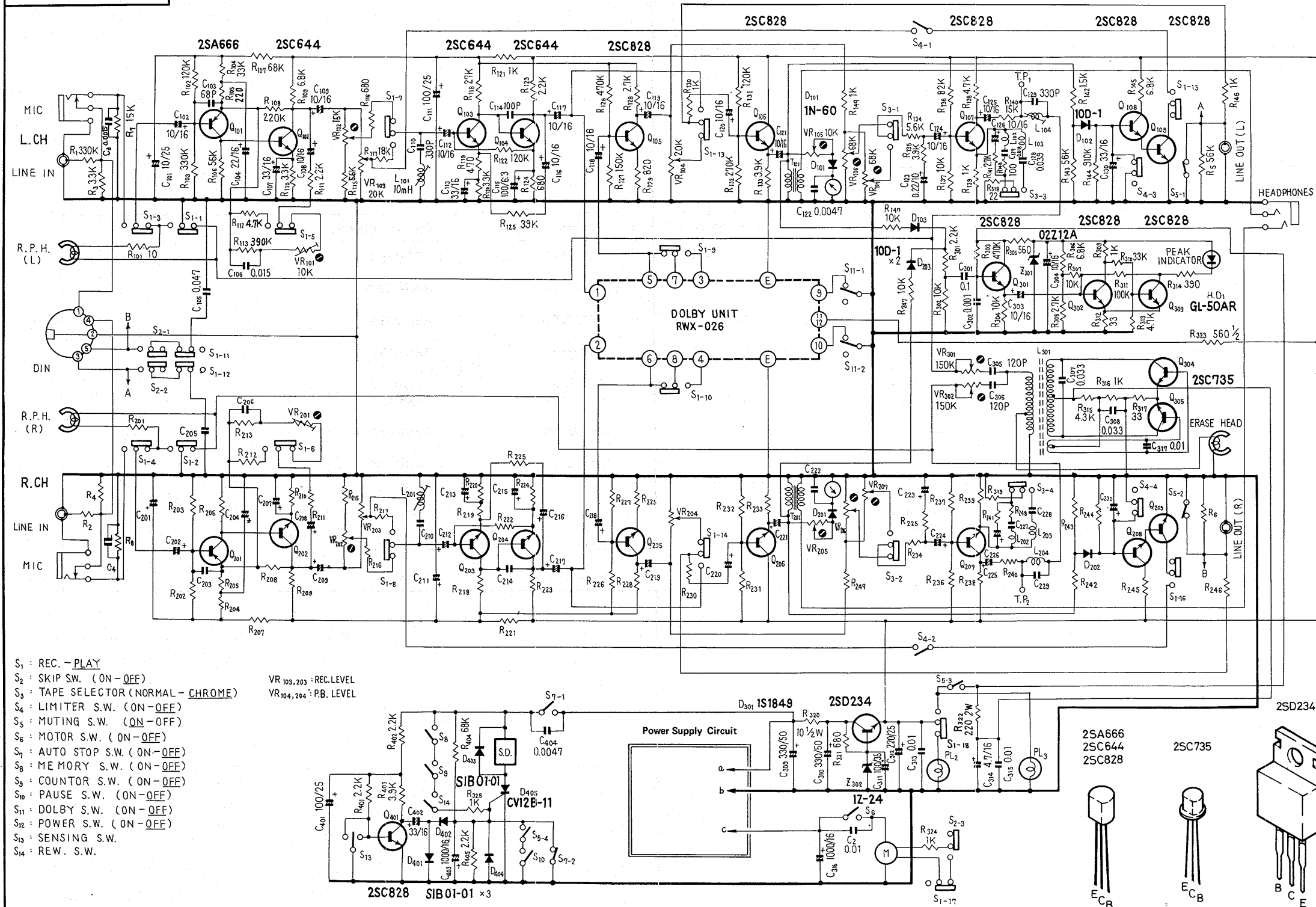
OTHERS

Symbol	Description	Part No.
	REC./P.B. amplifier-A assembly	RWF-012-I
	DOLBY circuit assembly	RWX-026-C
	Sensing circuit assembly	RWG-026-B
	Push switch circuit-A assembly	RWS-007-0
	Switch circuit-C assembly	RWS-010-0
R.P.H.	REC./P.B. head assembly	RXX-083
E.H.	Erasing head	RPB-014-0
M	Motor	RXM-006-0
SD	Solenoid	N15-410-C
	Level meter	RAW-011-A
S2	Push switch Q (SKIP)	RSG-009-A
S6,S7	Spring switch C (Motor, Stop)	RSN-001-A
S10	Spring switch (PAUSE)	RSK-014-0
S13	Sensing switch assembly	RSX-032-0
S14	Spring switch B (REW.)	RSK-019-A
PL1	Lamp (Meter)	E22-020-0
PL2	Lamp	REL-009-0
PL3	Lamp (Red)	REL-008-0
PL4	Lamp (DOLBY)	E22-020-0
	Lamp socket	RKK-006-0

Symbol	Description	Part No.	
H.D1	Lamp board	RNP-073-A	
	Jack board assembly (C)	RNK-013-C	
	Terminal strip 3P	RKC-009-0	
	Terminal strip 3P (UL)	RKC-012-0	
	Light-emitting diode GL-50AR5		

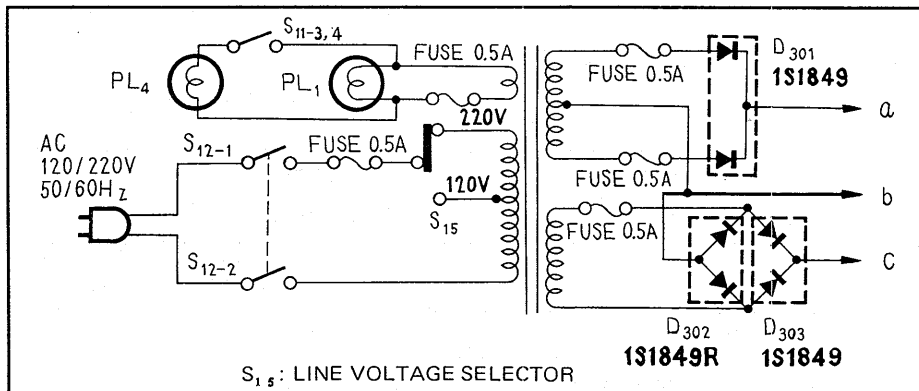
Distinguishing Parts

Symbol	Description	Part No. (PV model)	Part No. (Q model)	Part No. (KC model)	Part No. (KU model)	
S12	Power transformer	RTT-038-B	RTT-043-Q	RTT-041-0	RTT-041-0	
	Fuse holder assembly (4P)	RXX-125-0	RXX-126-0	RXX-127-0	RXX-127-0	
	Fuse (Primary) 0.5A	REK-016-0	REK-016-0	AEK-005-0	AEK-005-0	
	Fuse (Secondary) Amp. 0.3A	.....	REK-018-0	REK-015-0	REK-015-0	
	0.5A	REK-017-0	.....	.....	.....	
	Motor 0.5A	REK-017-0	REK-017-0	REK-016-0	REK-016-0	
	Lamp 0.5A	REK-017-0	REK-017-0	REK-016-0	REK-016-0	
	Push switch (POWER)	RSA-011-0	RSA-011-0	RSA-010-0	RSA-010-0	
	Jack board assembly (A)	.....	.....	RKN-012-0	RKN-012-0	
	(B)	RKN-014-A	RKN-014-A	.....	.....	
S15	Slide switch (Line voltage selector)	RSH-018-0	RSH-018-0	.....	.....	
	AC power cord	ADG-004-0	ADG-004-0	D11-003-E	D11-003-E	
C1	Ceramic capacitor 0.01 μF 1.4kV	.....	.....	C43-003-0	C43-003-0	



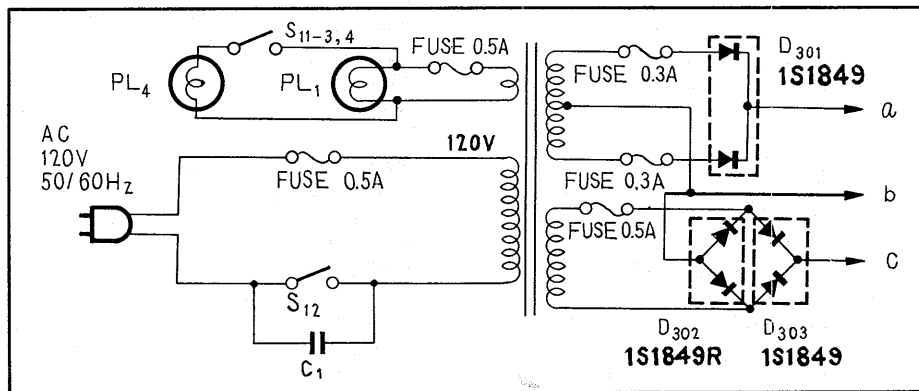
POWER SUPPLY CIRCUIT (CT-4141)

PV model (120V/220V, SEV approved)

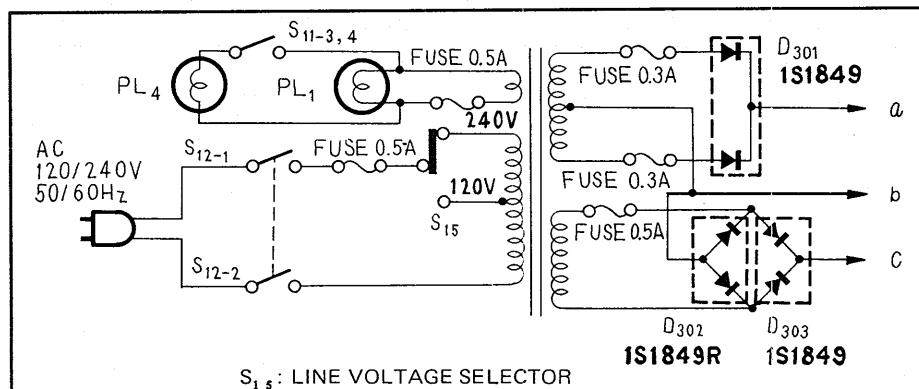


KU model (120V only, UL approved)

KC model (120V only, CSA approved)



Q model (120V/240V)



ELECTRO-PARTS OF CT-3131

- CAPACITORS: IN μ F UNLESS OTHERWISE NOTED p: pF
- RESISTORS: IN Ω , $\frac{1}{4}$ W UNLESS OTHERWISE NOTED k: k Ω , M: M Ω

Common Parts of PV, Q, KC and KU Models

CAPACITOR

Symbol	Description	Part No.	
C69	Mylar 0.01 50V	CQMA 103K 50	

POTENTIOMETERS

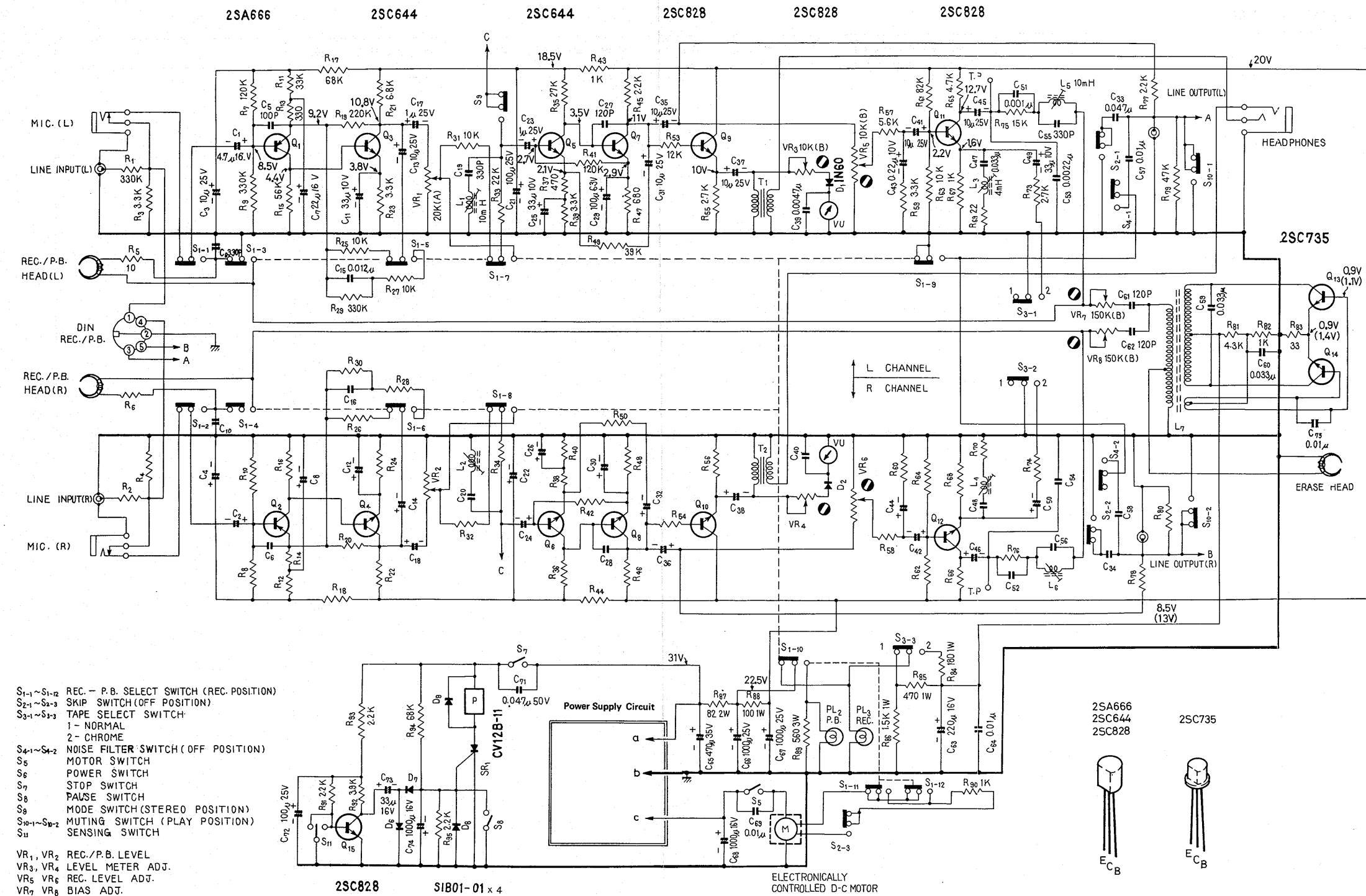
Symbol	Description	Part No.	
VR1	Slide type (LEVEL-L) 20k-A	RCW-001-0	
VR2	Slide type (LEVEL-R) 20k-A	RCW-001-0	

OTHERS

Symbol	Description	Part No.	
VU	REC./P.B. amplifier assembly	RWF-011-G	
	Sensing circuit assembly	RWG-026-B	
	Muting switch assembly	RWS-005-0	
	Push switch circuit assembly	RWS-006-0	
	Level meter	RAW-011-A	
P S2	REC./P.B. head assembly	RXX-099	
	Erasing head	RPB-014-0	
	Motor	RXM-006-0	
	Solenoid	N15-410-C	
S5,S7 S8 S11	Push switch Q (SKIP)	RSG-009-A	
	Spring switch (Motor, stop)	RYA-042-0	
	Spring switch (PAUSE)	RSK-014-0	
	Sensing switch assembly	RSX-032-0	
PL1	Lamp (Meter)	E22-020-0	
PL2	Lamp	REL-009-0	
PL3	Lamp (Red)	REL-008-0	
	Lamp socket	RKK-006-0	
	Jack board assembly (C)	RNK-013-C	
	Terminal strip 3P	RKC-009-0	
	Terminal strip 3P (UL)	RKC-012-0	

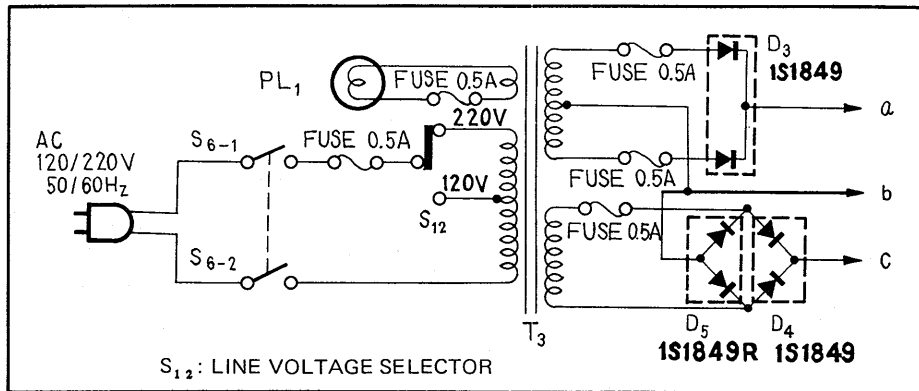
Distinguishing Parts

Symbol	Description	Part No. (PV model)	Part No. (Q model)	Part No. (KC model)	Part No. (KU model)	
S6	Power transformer	RTT-037-A	RTT-042-A	RTT-040-0	RTT-040-0	
	Fuse holder assembly (4P)	RXX-125-0	RXX-126-0	RXX-127-0	RXX-127-0	
	Fuse (Primary) 0.5A	REK-016-0	REK-016-0	AEK-005-0	AEK-005-0	
	Fuse. (Secondary) Amp. 0.5A	.....	REK-018-0	REK-015-0	REK-015-0	
	0.5A	REK-017-0	.....	.....	.....	
	Motor 0.5A	REK-017-0	REK-017-0	REK-016-0	REK-016-0	
	Lamp 0.5A	REK-017-0	REK-017-0	REK-016-0	REK-016-0	
	Push switch (POWER)	RSA-011-0	RSA-011-0	RSA-010-0	RSA-010-0	
	Jack board assembly (A)	.....	.....	RKN-012-0	RKN-012-0	
	(B)	RKN-014-A	RKN-014-A	.....	.....	
S12	Slide switch (Line voltage selector)	RSH-018-0	RSH-018-0			
	AC power cord	ADG-004-0	ADG-004-0	D11-003-E	D11-003-E	
C70	Ceramic capacitor 0.01 μF 1.4kV			C43-003-0	C43-003-0	



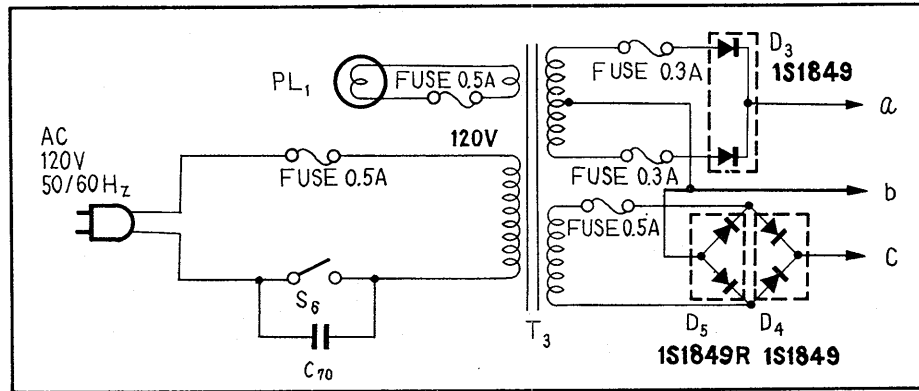
POWER SUPPLY CIRCUIT (CT-3131)

PV model (120V/220V, SEV approved)

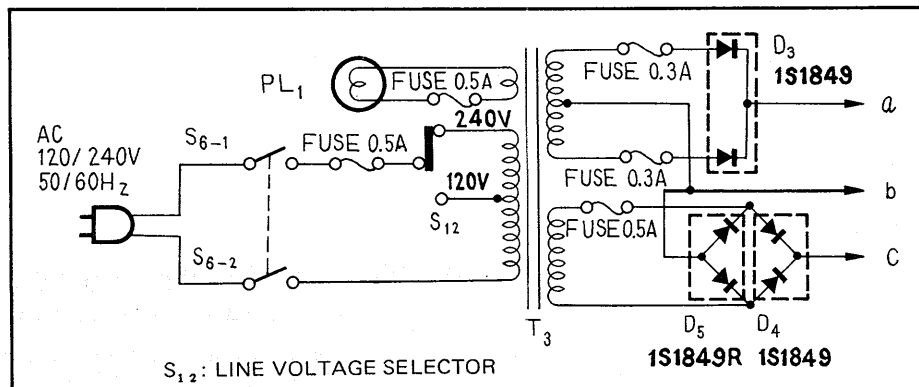


KU model (120V only, UL approved)

KC model (120V only, CSA approved)



Q model (120V/240V)



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