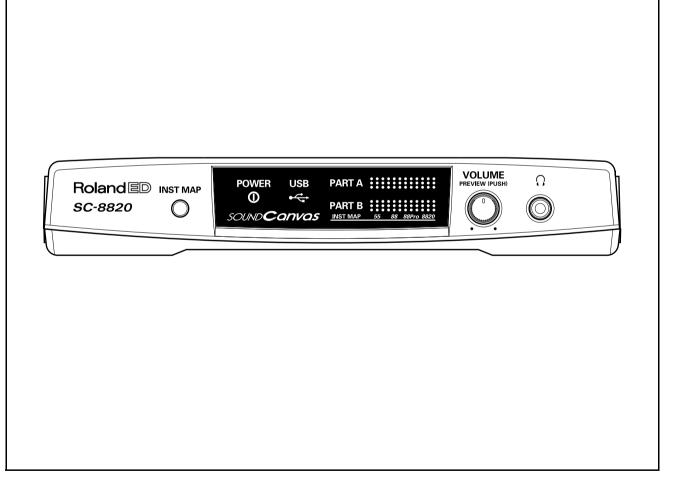
SC-8820 Nov. 1999

SC-8820 SOUND Canvas

SERVICE NOTES

First Edition Issued by RJA

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	主な仕様 パネル配置図



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SPECIFICATIONS

Model: Sound Canvas SC-8820 (General MIDI System / GS Format)

Number of parts

 Maximum Polyphony 64 (voices)

Internal Sounds

Sound Maps: 4 (SC-8820, SC-88Pro, SC-88, SC-55)

Preset Sounds : 1608 Drum sound sets : 63 User sounds User drum sound sets: -

Effects

Reverb (8 types) Chorus (8 types) Delay (10 types) 2 Band Equalizer Insertion Effect (64 types)

Display

Power indicater **USB** indicater

Part level indicater (PART A, PART B)

Connectors

MIDI connectors (IN 1, OUT 1) Audio Input jack (L, R) Audio Output jack (L, R) Headphones jack Serial connector USB connector

Power Supply DC 9V (AC Adaptor)

 Power Consumption 400 mA

Dimensions

203 (W) x 159 (D) x 35 (H) mm 8 (W) x 6-1/4 (D) x 1-3/8 (H) inches

 Weight 0.4 kg 14 oz

Accessories

AC ADAPTOR ACI-120C (#00905767) ACI-230C (#01018312) ACB-230E(#01458278) ACB-240A(#12449549) Owner's manual Japanese (#71560745) English (#71560812) CD-ROM DRIVER English (#71569578)

* In the interest of product improvement, the specifications and/or appearanceof this unit are subject to change without prior notice.

主な仕様

製品名:サウンド・キャンバス SC-8820 (GM システム / GS フォーマット対応)

> パート数 32

最大同時発音数 64 音 (ボイス)

内蔵音色

音色マップ: 4(SC-8820, SC-88Pro, SC-88, SC-55)

プリセット音色数:1608 ドラム音色セット:63 ユーザー音色数 : なし ユーザー・ドラム音色セット:なし

エフェクト リバーブ(8種類) コーラス(8種類) ディレイ(10種類) 2 バンド・イコライザー

インサーション・エフェクト(64種類)

ディスプレイ パワー・インジケーター USB インジケーター

パート・レベル・インジケーター (PART A, PART B)

接続端子

MIDI コネクター (IN A, IN B) インプット・ジャック (ステレオ) アウトプット・ジャック (ステレオ) ヘッドホン・ジャック シリアル・コネクター USB コネクター

電源

DC9V(ACアダプター)

消費電流 400 mA

最大外形寸法

203(幅)x159(奥行)x35(高さ)mm

重量 0.4 kg

付属品

AC アダプター ACI-100C (#00905756) 取扱説明書 和文 (#71560745) 取扱説明書 英文 (#71560812) 保証書 (#40232334)(JAPAN ONLY)

CD-ROM DRIVER (日本語版)(#71569567)

別売品

コンピューター・ケーブル RSC-15N (D-sub25 ピン・シリアル端子用) RSC-15AT (D-sub9 ピン・シリアル端子用) RSC-15APL (Apple Macintosh 用)

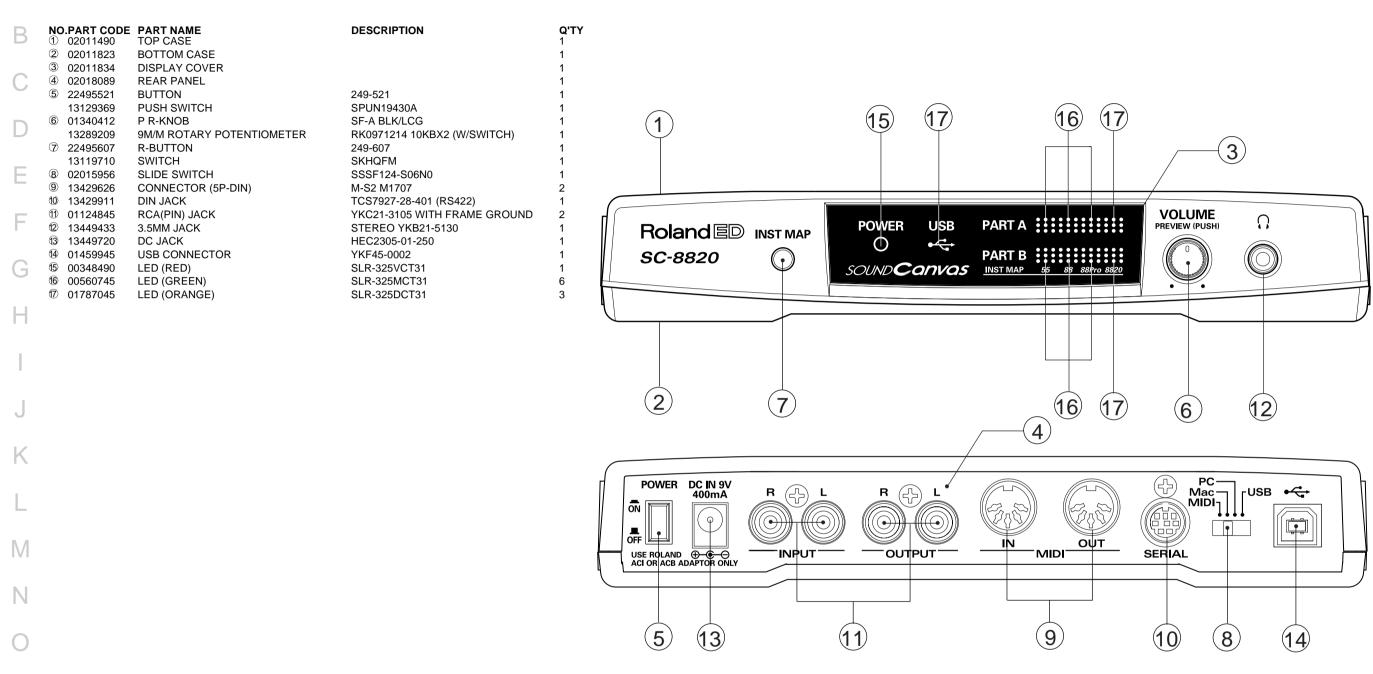
製品の仕様、および外観は、改良のため予告なく変更す ることがあります。

SC-8820

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28

Nov, 1999

LOCATION OF CONTROLS / パネル配置図



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28

EXPLODED VIEW / 分解図

No. PART CODE PART NAME ① 02011490 TOP CASE 2 02011834 DISPLAY COVER 3 02120778 FPC CABLE 4 40016590 NYLON RIVET ⑤ 02018090 PANEL BOARD HOLDER PANEL BOARD ASSY 6 71565345 ② 22495607 R-BUTTON 8 02124767 ISOLATOR LED MASK 9 22495521 BUTTON

9 22495521 BUTTON
 10 02018089 REAR PANEL
 11 71560778 MAIN BOARD ASSY
 12 01340412 P R-KNOB
 13 02011823 BOTTOM CASE
 14 02120012 FOOT

[SCREW]
No. PART CODE PART NAME
A 40011312 SCREW M3X8
B 40011490 SCREW M3X6

M

Ν

P

S

U

DESCRIPTION

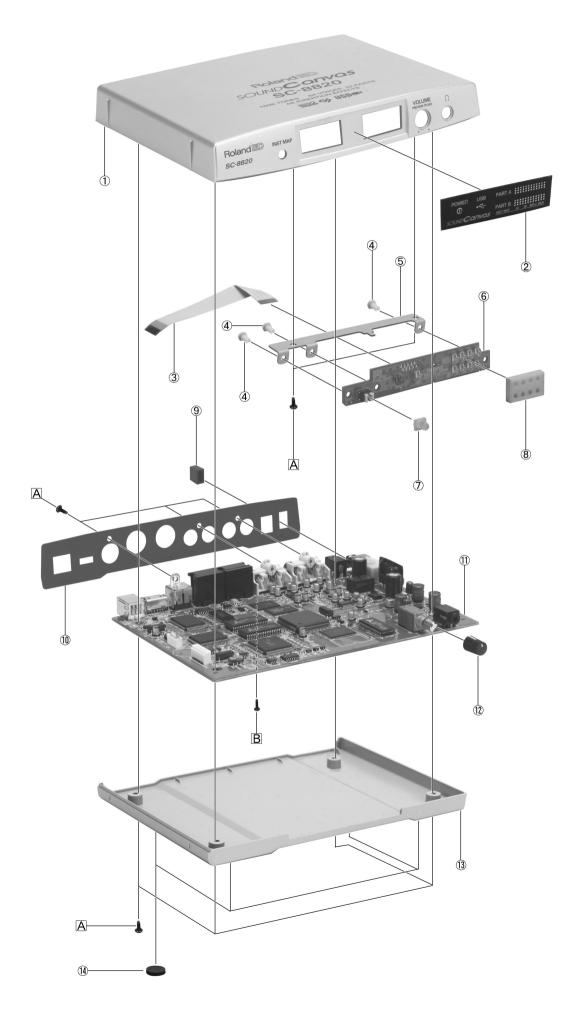
FPC BNCD-P=1.25-K-10-90 NRP-345 BLACK

249-607 249-521

(EXG) SF-A BLK/LCG

D12 T2 ZULEN XCK020

DESCRIPTION
BINDING TAPTITE P FE BZC
PAN MACHINE W/SW BZC



SC-8820 Nov, 1999

PARTS LIST /パーツリスト

SAFETY PRECAUTIONS: The parts marked A have safety-related characteristics. Use only listed parts for replacement. 安全上の注意:

のです。 交換の際は、注意をよく読み、 指定された部品番号以外の部 品は使わないようにして下さ

SAFETY PRECAUTIONS: The parts marked \triangle have safety-related characteristics. Use only listed parts for replacement. PART NUMBER DESCRIPTION MODEL NUMBER 22575241 Sharp Key 15 2247017300 Knob (orange) DAC-15D

Failure to completely fill the above items with correct number and description will result in delayed or even undelivered replacement.

バーツ発注に関するお願いオーダーシートには、必ず下記の 4 項目は正確に記入して下さい。(例外は除く)
<u>必要数 パーツナンバー 品 名 使用機種</u>
例) 10 22575241 Sharp Key C-20/50
15 2247017300 Knob (orange) DAC-15D 15 2247017300 Knob (orange) DAC-15D もし記入漏れ、誤記等が有る場合、必要部品が発送出来なかったり、大幅な遅れの原因になります。 ご協力をお願いします。

NOTE: The parts marked # are new. (initial parts) 注意:# が付いた部品は新規部品です。

CAS	SING / ケース					
#	02011823	BOTTOM CASE				
#	02011623	TOP CASE				
#	02011430	DISPLAY COVER				
	ASSIS / シャ-	ーシ PANEL BOARD HOLDER				
# #	02018090 02018089	REAR PANEL				
#	02010009	REAR PAINEL				
KNC	OB, BUTTON	/ つまみ、ボタン				
	22495521	BUTTON	249-521	POWER		
	01340412	P R-KNOB	SF-A BLK/LCG	VOLUME		
	22495607	BUTTON	249-607	INST MAP		
SWI	TCH / スイッ	£				
	13119710	SKHQFM	SWITCH	SW1 on Panel		
	13129369	SPUN19430A	PUSH SWITCH	SW4 on Main		
#	02015956	SSSF124-S06N0	SLIDE SWITCH	SW1 on Main		
	13159187	SSSS2-22-01	SLIDE SWITCH	SW2 on Main		
JAC	K, SOCKET	/ ジャック、ソケット				
	13429626	M-S2	CONNECTOR (5P-DIN)	JK3, JK4 on Main		
	13429911	TCS7927-28-401 (RS422)	DIN JACK	JK2 on Main		
	01124845	YKC21-3105 WITH FRAME GROUND	RCA(PIN) JACK	JK5, JK6 on Main		
	13449433	STEREO YKB21-5130	3.5MM JACK	JK8 on Main		
	13449720	HEC2305-01-250	DC JACK	JK7 on Main JK1 on Main		
	01459945	YKF45-0002	USB CONNECTOR	JA i On Main		
	3 ASSY / 基板					
# # [5]	71565345 71560778	PANEL BOARD ASSY	(EVC)			
# [71000778	MAIN BOARD ASSY	(EXG)			
	集積回路					
#	02010623	M37640E8FP	IC (8BIT CPU)	IC2 on Main		
#	02015367	HD64F7017F28	IC (32BIT CPU)	IC1 on Main		
	15239206	MB87837PF-G-BND	IC (LSP)	IC4 on Main		
	01679978	RA09-002 (XP6)	IC (CUSTOM)	IC3 on Main		
	01560289 01899556	TC55257DFL-55L(EL) DRAM AS4C256K16E0-50JCTR	IC (SRAM) IC (DRAM)	IC12 on Main IC9-IC11 on Main		
	01891445	UPD23C128040LGY-823-MJH	IC (MASK ROM)	IC7 on Main		
#	02016156	MASK ROM MX23C6410RC-12	IC (MASK ROM)	IC39 on Main		
#	02010130	23C064040LGY-541-MKH	IC (MASK ROM)	IC8 on Main		
"	01561945	LH28F160S5T-L70	IC (FLASH MEMORY)	IC5 on Main		
#	01897201	PCM1716E	IC (AD/DA)	IC14 on Main		
	15249121	TC7W04F(TE12L)	IC (CMOS)	IC22, IC40 on Main		
	15259887	TC7SU04F(TE85Ĺ)	IC (CMOS)	IC24 on Main		
	15249111	TC7WU04F(TE12L)	IC (CMOS)	IC23, IC27 on Main		
		TC7W00F(TE12L)	IC (CMOS)	IC36 on Main		
		7 TC74HC175AF(EL)	IC (CMOS)	IC30 on Main		
	15259884	TC7S08F(TE85L)	IC (CMOS)	IC29 on Main		
	15259885	TC7S32F(TE85L)	IC (CMOS)	IC28 on Main		
	00564545	TC74VHC04F(EL)	IC (CMOS)	IC35 on Main		
	15289105	UPC4570G2-E2 M5218AED 600E	IC (BIPOLAR OP AMP)	IC31, IC32 on Main		
#	15189261 01899790	M5218AFP-600E UPC29L33T-E2	IC (BIPOLAR OP AMP) IC (REGULATOR)	IC33, IC34 on Main IC18 on Main		
#	02017501	BP5220	SWITCHING REGULATOR	IC20 on Main		
#	15289404	IR3M03N2-T2	IC (REGULATOR) DC-DC	IC20 on Main IC21 on Main		
	15289712	M5M34051FP-42A	IC (DRIVER)	IC16 on Main		
	01675012	M62008FP-600	IC (RESET)	IC17 on Main		
	15199937	M51953BFP-600C	IC (RESET IC)	IC19 on Main		
Λ	15289125	PC-410KT 178FAY	IC (PHOTO COUPLER)	IC15 on Main		
TRA	TRANSISTOR / トランジスター					
	15309101	2SA1037KR T146 QRS	TRANSISTOR	Q3 on Main		
	15319105	2SC3326-A	TRANSISTOR	Q1, Q2 on Main		
#	02017512	PW MOSFET 2SJ325-Z-E1	TRANSISTOR	Q10 on Main		
	15329503	DTA124EK T146	DIGITAL TRANSISTOR	Q5-Q7, Q11 on Main		

0.0569746 SLR-326MCT31 LED (GRENN LED) LED (12P3 LED) GP Panel 10 1797145 SLR 32R35DCT31 SLED (GRENN LED) LED (LED) LED (PANel DE D) (17971512 RB411D T1496 SCHOTTKY DIODE D) 12 on Main D) 12 on Mai	00348490	- F SLR-325VCT31	LED (RED)	LED10 on Panel	
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50057798					
191071621 R84110 T146					
15339412 115C44(TE12L) DIODE D2-DA 30 Main D3-DA 50					
01121323 DA29-U1106 ARRAY DIODE DA2, DA3 on Main SISTOR KIRK SISTOR KIRK 010112652 SR73/SCETD DA7JOHM 1/2W MTL.FILM RESISTOR Chip on Main Chip on					
### 1985 1987 1985 198					
D0567412 RPCOST 104					
D0567412 RPCOST 104	SISTOR / 抵抗	it.			
### MTLELIAN RESISTOR			MTL.FILM RESISTOR	Chip on Main	
01011956 RPCOST 0R0 J MT_FLILM RESISTOR Chip on Main (1)	01011256	SR73K2ETD 0.47JOHM 1/2W			
0056612 RPCOST 220 J MTL_FILM RESISTOR Chip on Main	01011856		MTL.FILM RESISTOR	Chip on Main	
01345434 MCR18 EZH J 390	00567112		MTL.FILM RESISTOR	Chip on Main	
15399709 14W MCR25LZH 68					
0566834 RPCのF 330 J MTLFLIM RESISTOR Chip on Main (1) 0567245 RPCのF 881 J MTLFLIM RESISTOR Chip on Main (1) 0567245 RPCのF 881 J MTLFLIM RESISTOR Chip on Main (1) 0567245 RPCのF 742 J MTLFLIM RESISTOR Chip on Main (1) 0567245 RPCのF 742 J MTLFLIM RESISTOR Chip on Main (1) 0567246 RPCのF 742 J MTLFLIM RESISTOR Chip on Main (1) 0567246 RPC00F 742 J MTLFLIM RESISTOR Chip on Main (1) 0567289 RPC00F 743 J MTLFLIM RESISTOR Chip on Main (1) 0567289 RPC00F 743 J MTLFLIM RESISTOR Chip on Main (1) 0567289 RPC00F 743 J MTLFLIM RESISTOR Chip on Main (1) 0567280 RPC00F 743 J MTLFLIM RESISTOR Chip on Main (1) 056729 RPC00F 743 J MTLFLIM RESISTOR Chip on Main (1) 056729 RPC00F 743 J MTLFLIM RESISTOR Chip on Main (1) 056729 RPC00F 743 J MTLFLIM RESISTOR Chip on Main (1) 056729 RPC00F 743 J MTLFLIM RESISTOR Chip on Main (1) 056729 RPC00F 743 J MTLFLIM RESISTOR Chip on Main (1) 056729 RPC00F 743 J MTLFLIM RESISTOR Chip on Main (1) 056729 RPC00F 743 J MTLFLIM RESISTOR Chip on Main (1) 056729 RPC00F 743 J MTLFLIM RESISTOR Chip on Main (1) 056729 RPC00F 744 J MTLFLIM RESISTOR Chip on Main (1) 056729 RPC00F 744 J MTLFLIM RESISTOR Chip on Main (1) 056729 RPC00F 744 J MTLFLIM RESISTOR Chip on Main (1) 056729 RPC00F 744 J MTLFLIM RESISTOR Chip on Main (1) 056729 RPC00F 744 J MTLFLIM RESISTOR Chip on Main (1) 056729 RPC00F 744 J MTLFLIM RESISTOR Chip on Main (1) 056729 RPC00F 744 J MTLFLIM RESISTOR Chip on Main (1) 056729 RPC00F 744 J MTLFLIM RESISTOR Chip on Main (1) 056729 RPC00F 744 J MTLFLIM RESISTOR Chip on Main (1) 056729 RPC00F 744 J MTLFLIM RESISTOR Chip on Main (1) 056729 RPC00F 744 J MTLFLIM RESISTOR Chip on Main (1) 056729 RPC00F 744 J MTLFLIM RESISTOR Chip on Main (1) 056729 RPC00F 744 J MTLFLIM RESISTOR Chip on Main (1) 056729 RPC00F 744 J MTLFLIM RESISTOR Chip on Main (1) 056729 RPC00F 744 J MTLFLIM RESISTOR Chip on Main (1) 056729 RPC00F 744 J MTLFLIM RESISTOR Chip on Main (1) 056729 RPC00F 744 J MTLFLIM RESISTOR Chip on Main (1) 056729 RPC00F 744 J MTLFLIM RESISTOR Chip on Main (1) 056729 RPC00F 744 J MTLFLIM RESISTOR Chi					
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0568719					
00567178 RPC0ST 162 J MTL.FILM RESISTOR Chip on Main 15419701 RR1220P-103-0 10KOHM (CHIP) MTL.FILM RESISTOR Chip on Main					
00567166 RPC05T 102 J					
54319701 R1220P-103-D 10KOHM (CHIP)					
MOS67289 RPC205T 103 J MTLFILM RESISTOR Chip on Main C				•	
00897234 R1220P-183-D 18K(D) (CHIP) MTL.FILM RESISTOR Chip on Main 006567301 RPCOST 153 J MTL.FILM RESISTOR Chip on Main 006567212 RPCOST 332 J MTL.FILM RESISTOR Chip on Main 006567212 RPCOST 332 J MTL.FILM RESISTOR Chip on Main 006567233 RPCOST 223 J MTL.FILM RESISTOR Chip on Main 006567233 RPCOST 223 J MTL.FILM RESISTOR Chip on Main 00656723 RPCOST 233 J MTL.FILM RESISTOR Chip on Main 00656723 RPCOST 101 J MTL.FILM RESISTOR Chip on Main 006567243 RPCOST 333 J MTL.FILM RESISTOR Chip on Main 006567243 RPCOST 333 J MTL.FILM RESISTOR Chip on Main 006567243 RPCOST 105 J MTL.FILM RESISTOR Chip on Main 00656743 RPCOST 105 J MTL.FILM RESISTOR Chip on Main 006567558 RPCOST 105 J MTL.FILM RESISTOR Chip on Main 006567567 RPCOST 221 J MTL.FILM RESISTOR Chip on Main 006567567 RPCOST 221 J MTL.FILM RESISTOR Chip on Main 00656767 RPCOST 221 J MTL.FILM RESISTOR Chip on Main 153999445 RPC10T 104 J J /100 W MTL.FILM RESISTOR Chip on Main 153999445 RPC10T 104 J J /100 W MTL.FILM RESISTOR Chip on Main 15409113 EXBV9V103JV RESISTOR ARRAY RAS RA9, RA16 on Main 15409113 EXBV9V103JV RESISTOR ARRAY RAS RA9, RA16 on Main 00726112 EXBV9V101JV RESISTOR ARRAY RAS RA9, RA16 on Main 00726112 EXBV9V101JV RESISTOR ARRAY RAS RA9 RA16 on Main 00726112 EXBV9V101JV RESISTOR ARRAY RAS RA9 RA16 on Main 00726112 EXBV9V101JV RESISTOR ARRAY RAS RA9 RA16 on Main 00726112 EXBV9V101JV RESISTOR ARRAY RAS RA9 RA16 on Main 00726112 EXBV9V101JV RESISTOR ARRAY RAS RA9 RA16 on Main 00726112 EXBV9V101JV RESISTOR ARRAY RAS RA9 RA16 on Main 00726112 EXBV9V101JV RESISTOR ARRAY RAS RA9 RA16 on Main 00726112 EXBV9V101JV RESISTOR RAPAY RAS RA9 RA16 on Main 00726112 EXBV9V101JV RESISTOR RAPAY RAS RA9 RA16 on Main 00726112 EXBV9V101JV RESISTOR RAPAY RA9 RA9 RA16 on Main 00726112 EXBV9V101JV RESISTOR RAPAY RA9					
MOS67211 RPCOST 155 J MTL.FILM RESISTOR Chip on Main Chi					
01018212 RN12200-330-D MTL.FILM RESISTOR Chip on Main			MTL.FILM RESISTOR	Chip on Main	
MTL-FILM RESISTOR					
の567277 RPCOST 682 J MTL-FILM RESISTOR Chip on Main Co5672745 RPCOST 101 J MTL-FILM RESISTOR Chip on Main Co567245 RPCOST 1333 J MTL-FILM RESISTOR Chip on Main Co567245 RPCOST 274 J MTL-FILM RESISTOR Chip on Main Co567245 RPCOST 274 J MTL-FILM RESISTOR Chip on Main Co567501 RPCOST 274 J MTL-FILM RESISTOR Chip on Main Co567501 RPCOST 274 J MTL-FILM RESISTOR Chip on Main Co567507 RPCOST 125 J MTL-FILM RESISTOR Chip on Main Co567507 RPCOST 227 J MTL-FILM RESISTOR Chip on Main Co567507 RPCOST 227 J MTL-FILM RESISTOR Chip on Main Co567507 RPCOST 227 J MTL-FILM RESISTOR Chip on Main Co567507 RPCOST 227 J MTL-FILM RESISTOR Chip on Main Co567507 RPCOST 227 J MTL-FILM RESISTOR Chip on Main Co567507 RPCOST 227 J MTL-FILM RESISTOR Chip on Main RESISTOR ASSAN RATE AND ASSANCE ASSA					
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O00567345 RPCO5T 333 J MTL_FILM RESISTOR Chip on Main					
OSS67467 RPCOST 274 J MTL_FILM RESISTOR Chip on Main C					
OSG57550 RPCOST 105 J MTL_FILM RESISTOR Chip on Main C					
MTL_FILM RESISTOR					
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S5399975 RCE9A223JA (22KC)HM X8) RESISTOR ARRAY RA8, RA9, RA16 on Main R5409115 EXBW3V103JV RESISTOR ARRAY RA3, RA10-RA13 on Main R5409115 EXBW3V22JJV RESISTOR ARRAY RA3, RA10-RA13 on Main R5409113 EXBW3V22JJV RESISTOR ARRAY RA2, RA4-RA7 on Main R5409112 EXBW3V22JJV RESISTOR ARRAY RA14, RA15 on Main R5409112 EXBW3V23JJV RESISTOR ARRAY RA14, RA15 on Main R5409112 EXBW3V10JJV RESISTOR ARRAY RA14, RA15 on Main R540107 EXBW3V10JJV EXBW3V10					
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LAY/リレー					
∆ 02120856 G6E-134P-US DC5V RELAY RL1 on Main NNECTOR / コネクター	01126267	MA-406 7.056MHZ	CRYSTAL	X1 on Main	
NNECTOR / コネクター					
	∆ 02120856	G6E-134P-US DC5V	RELAY	RL1 on Main	
OADOOFOO AOEE DE VIVAN OONNECTOD		コネクター			
01909589 10FE-BT-VK-N CONNECTOR CN1 on Panel, CN1 on Main				CNIA DI CNIA M-i-	
RING, CABLE / ワイヤリング、ケーブル	01909589	10FE-BT-VK-N	CONNECTOR	CN1 on Panel, CN1 on Main	
02120778 FPC CABLE FPC BNCD-P=1.25-K-10-90 CN1 on Panel to CN1 on Main	01909589 RING, CABLE	:/ワイヤリング、ケーブル		· 	

SC	REW / ねじ類			
	40011312 40011490	SCREW M3X8 セムス M3x6 BZC	BINDING TAPTITE P FE BZC SCREW	9 1
	40016590	NYRON RIVET NRP-345 BLACK	RIVET	3
PA	CKING / 梱包	材		
#	02011545	PACKING CASE	JAPANESE	1
#	02019201	PACKING CASE	ENGLISH	1
#	02122867	PAD L/R		2
#	02122878	PAD CENTER		1
#	02122889	PAD AC ADAPTOR		1
MIS	CELLANEO	US / その他		
	02120012	FOOT	D12 T2 ZULEN XCK020	4
#	02124767	ISOLATOR LED MASK		1
AC	CESSORIES	(STANDARD) / 標準付属品		
#	71569567	DRIVER CD-ROM	JAPANESE	1
#	71569578	DRIVER CD-ROM	ENGLISH	1
#	71560745	OWNER'S MANUAL	JAPANESE	1
#	71560812	OWNER'S MANUAL	ENGLISH	1
∠!		AC ADAPTOR	ACI-100C	1
<u> </u>	00905767	AC ADAPTOR	ACI-120C	1
<u> </u>	01018312	AC ADAPTOR	ACI-230C	1
<u>Z!</u>	01458278	AC ADAPTOR	ACB-230E 230VE(DC9V.1200MA)	1
<u>Z!</u>	12449549	AC ADAPTOR DTM REGISTRATION CARD 1999	ACB-240(A) *EXP ONLY*	1
	40232334	保証書	JAPAN ONLY	1

IDENTIFYING VERSION NUMBER / バージョンナンバーの確認方法

♦ Version Displaying Procedure

1. Entering the version display mode

- Hold down Preview and switch power on.
- While the Map key is lit, press Preview once, then press the Map key.

2. CPU ROM version display

Immediately after the unit is placed in the version display mode by the operation in step 1, the CPU ROM version is displayed. The Power and USB indicators are lit, and Part A and Part B of the PART LEVEL indicator denote the major number and minor number, respectively, in 4 bits.

For example, Ver 1.02 is indicated as follows:



INST MAP Power USB PART LEVEL PREVIEW

Press the MAP key to shift to program ROM version MAP Key で Program ROM バージョン表示に移ります。

以下のようになります。

4. UIPC バージョン表示

以下のようになります。

3. Program ROM バージョン表示

バージョン表示方法

1. **バージョン表示モードに入る** ・Previwe を押しながら電源を立ち上げます。

例えば Ver1.02 ならば次のようになります。

の後 Map Key を押して下さい。

2. CPU 内 ROM バージョン表示

号を 4bit で表示します。

・Map Key が点灯している間に、Previwe を1回押し、そ

1. の操作でバージョン表示モードに入った直後は、CPU

内 ROM のバージョン表示になっています。パワー・イン

ジケータと USB 接続インジケータが点灯し、パートレベ

ル・インジケータの A がメジャー番号、B がマイナー番

パワー・インジケータが点灯し、パートレベル・インジ

ケータがバージョンを表しています。例えば Ver1.05 なら

USB 接続インジケータが点灯し、パートレベル・インジケータがバージョンを表しています。例えば Ver2.01 なら

3. Program ROM version display

The Power indicator is lit and the PART LEVEL indicator denotes the version. For example, Ver 1.05 is indicated as follows:



Press the MAP key to shift to UIPC version display.

4. UIPC version display

display.

The USB indicator is lit and the PART LEVEL indicator denotes the version. For example, Ver 2.01 is indicated as follows:



Press the MAP key to return to CPU ROM version

display.

Note: ○☐denotes off, ●■ on, and * blink. ⊚ denotes the potentiometer knob.

MAP Key で CPU 内 ROM バージョン表示に戻ります。

MAP Key で UIPC バージョン表示に移ります。

注) は消灯、 は点灯、*は点滅を表します。 は Volume ツマミ。

VERSION UP / バージョンアップの方法

♦ Items to Be Prepared

- Programmable controller (e.g. MC-80)
- Update disks (#17048429)

用意するもの

- ・シーケンサー(MC-80等)
- ・アップデートディスク(#17048429)

SMF disk (2DD) containing Update Data: 2 disks (2DD x 4) / アップデート用 SMF データディスク(2DD x 4 枚)

	.,	(- 124 /
-			
Disk #1	Disk #2	Disk #3	Disk #4
Update Date	Update Data	Update Data	Update Data
(1 or 4)	(2 of 4)	(3 of 4)	(4 of 4)
ERASE.MID	SC882_08.MID	SC882_16.MID	SC882_24.MID
SC882_00.MID	SC882_09.MID	SC882_17.MID	SC882_25.MID
SC882_01.MID	SC882_10.MID	SC882_18.MID	SC882_26.MID
SC882_02.MID	SC882_11.MID	SC882_19.MID	SC882_27.MID
SC882_03.MID	SC882_12.MID	SC882_20.MID	SC882_28.MID
SC882_04.MID	SC882_13.MID	SC882_21.MID	SC882_29.MID
SC882_05.MID	SC882_14.MID	SC882_22.MID	SC882_30.MID
SC882_06.MID	SC882_15.MID	SC882_23.MID	SC882_31.MID
SC882_07.MID			

MIDI cable

♦ Connection Method

Connect MIDI OUT of the PLC and MIDI IN of the SC-8820 by the MIDI cable.

・MIDI ケーブル

接続方法

・シーケンサーの MIDI OUT と SC-8820 の MIDI IN を MIDI ケーブルにて接続します。

♦ Updating procedure

- 1. Hold down Preview and switch power on.
- 2. While the Map key is lit, press Preview three times, then press the Map key.

This lights up all the Level meters.

PART A PART B

3. Send "erase.mid". Erase starts and the two rightmost meters are lit.

3. " erase.mid "を送る。と消去を始めて右端 2 つが点灯する。

2. Map Kev が点灯している間に、Previwe を3回押して、

1. Previwe を押しながら電源を立ち上げます。

すると、Level Meter が全て点灯する。

PART A ... PART B

4. When erase is finished, four LEDs of PART A turn on.

PART A PART B

5. In this state, UPDATE SMFs can be received. When UPDATE SMFs (32 SMFs in all) are sent, four LEDs of PART B start blinking at short intervals.

5. この状態で、UPDATE SMF が受信できるようになる。 UPDATE SMF (全 32 SMF)を送信すると、PART B の 4 つの LED が細かく点滅を始めます。

4. 消去が終了すると、PART A の 4 つの LED が点灯します。

PART A

6. UPDATE is complete when the transmission of the 32nd SMF is finished and the four LED of PART B turn on.

6. 32 番目の SMF を送信終了して、PART B の 4 つの LED が点灯したら、UPDATE 完了。

PART A PART B

♦ Error Indications during Updating

Update 時のエラー表示

アップデート方法

その後 Map Key を押す。

・デバイスエラー

PART A | | | | | PART B | | | *

Erase failure

Device error

・消去失敗

PART A PART B \(\Boxed{B} \) * \(\Boxed{B}

· Write failure

・書き込み失敗

PART A

Checksum error

PART B | * | |

・チェックサムエラー

PART A PART B * ...

MIDLerror

・MIDI エラー

PART A * | | | PART B

Note: ☐denotes off. ■ on, and * blink.

注) は消灯、 は点灯、*は点滅を表します。

TEST MODE / テストモード

The test mode of the SC-8820 may be executed in either of the following two ways:

- 1. Executed on the SC-8820 alone.
- 2. The SC-8850 is used.

When the test mode is executed in the method "2. The SC-8850 is used", the test results are displayed on the LCD for ease of identification

1. Executed on the SC-8820 alone.

Note: In the diagrams, ○□ denotes off, ●■on, and * blink.

denotes the potentiometer knob.

1. Entering the test mode

- Set the computer switch on the rear panel to "Mac".
- Hold down Preview and switch power on.
- While the Map key is lit, press Preview twice, then press the Map key.
- If all the PART LEDs blink as shown below, the computer switch setting is wrong. Restart from step 1.

SC-8820 のテストモード以下の 2 種類あります。

- 1.SC-8820 単体で行う。
- 2.SC-8850を使用して行う。

なお、「2.SC-8850 を使用して行う」でテストモード を実行 した場合、LCD にテスト結果が表示される為より分かりやすく なっています。

1.SC-8820 単体で行う

注)図の. は消灯、 は点灯、*は点滅を表します。 は Volume ツマミ。

1. テストモードに入る

- 背面のコンピュータースイッチを "Mac" に設定します。
- ・Previwe を押しながら電源を立ち上げます。
- ・Map Key が点灯している間に、Previwe を 2 回押し その後 Map Key を押して下さい。
- ・次の図のように、PART LED がすべて点滅した場合は、 コンピュータースイッチの設定が間違えています。1. の最初からやり直して下さい。



2. CPU ROM version display

Immediately after the unit is placed in the test mode by the operation in step 1, the CPU ROM version is displayed. The Power and USB indicators are lit, and Part A and Part B of the PART LEVEL indicator denote the major number and minor number, respectively, in 4 bits.

For example, Ver 1.02 is indicated as follows:



2. CPU 内 ROM バージョン表示

を 4bit で表示します。

. を表しています。

を表しています。

4. UIPC バージョン表示

ら以下のようになります。

1. の操作でテストモードに入った直後は、CPU内 ROM

のバージョン表示になっています。パワー・インジケー

タと USB 接続インジケータが点灯し、パートレベル・

インジケータの A がメジャー番号、B がマイナー番号

[INST MAP] は点滅していて次のテスト項目に移れること

パワー・インジケータが点灯し、パートレベル・インジ

ケータがバージョンを表しています。 例えば Ver1.05 な

[INST MAP] は点滅していて次のテスト項目に移れること

USB 接続インジケータが点灯し、パートレベル・インジ

ケータがバージョンを表しています。 例えば Ver2.01 な

例えば Ver1.02 ならば次のようになります。

MAP Key を押すと次のテストに進みます。

MAP Key を押すと次のテストに進みます。

3. Program ROM バージョン表示

ら以下のようになります。

[INST MAP] blinks to indicate that the unit can shift to the next test item.

Press the MAP key to proceed to the next test.

3. Program ROM version display

The Power indicator is lit and the PART LEVEL indicator denotes the version. For example, Ver 1.05 is indicated as follows:



INST MAP Power USB PART LEVEL PREVIEW

[INST MAP] blinks to indicate that the unit can shift to the next test item

Press the MAP key to proceed to the next test.

4. UIPC version display

The USB indicator is lit and the PART LEVEL indicator denotes the version. For example, Ver 2.01 is indicated as follows:



[INST MAP] blinks to indicate that the unit can shift to the

Press the MAP key to proceed to the next test.

5. Device test

The flash ROM, XP chip, wave ROM and LSP chip are tested.

If all are OK. [Power] turns on as shown below.

[INST MAP] は点滅していて次のテスト項目に移れること . を表しています。 MAP Key を押すと次のテストに進みます。

5. Device テスト

Flash Rom, XP Chip, Wave Rome, LSP Chip のテストを します。 すべてが、OK の場合は、以下のように [Power] が点灯し ます。



[INST MAP] blinks to indicate that the unit can shift to the next test item.

Press the MAP key to proceed to the next test.

If any of the above devices is not good, [USB] is lit and the PART B indicator LED corresponding to the faulty device blinks. The relationships between faulty devices and PART B indicator LEDs are as follows.

[INST MAP] は点滅していて次のテスト項目に移れること を表しています。 MAP Key を押すと次のテストに進みます。

NG だった場合、[USB] が点灯し、エラーがあったデバイ スに対応する PART B インジケータの LED が点滅します。エラーがあったデバイスと PART B インジケータの LED の関係は以下の通りです。

```
+ - - Bound generator chip (XP)/音源チップ (XP)
+ - - - Program ROM (16M Flash ROM)
```

For example, if the flash ROM is not good, the following display is provided.

例えば、Flash Rom が NG だった場合以下のように表示 します。



(If the result is not good, you can proceed to the next test by pressing the MAP key twice.)

(NG の場合でも、MAP Key を 2 回押すと次のテストに進 むことが出来ます)

Nov. 1999

6. LED on/off check

This test is made to check whether the LEDs turn on and off properly. First, make sure that all the LEDs are on as shown below.



Pressing the Preview switch extinguishes the LEDs one by one in due order, starting from the Map LED. The result is OK if all the LEDs have turned off. However, if several or no LEDs have turned off by merely pressing the Preview switch once, the LED scan line has a problem (not good).

Press the Map key to proceed to the next test.

7. MIDI check

This test is made to check MIDI IN and OUT. As soon as this test has started, only [USB] blinks as shown below.



In this status, connect MIDI OUT and MIDI IN of the SC-8820 directly by the MIDI cable. If the MIDI functions properly, [Power] is lit as shown below.



[INST MAP] blinks to indicate that the unit can shift to the next test item.

Press the MAP key to proceed to the next test.

If [USB] remains blinking after connection, the MIDI function of the SC-8820 is not good. (If the result is not good, you can proceed to the next test by pressing the MAP key twice.)

8. Serial check

This test is made to check the computer switch and serial I/O

As soon as this test has started, [USB] blinks and one of the PART B indicator LEDs is on as shown below

> INST MAP Power USB PART LEVEL PREVIEW

The PART B indicator denotes the computer switch position

The relationships between PART B indicator and computer switch are as indicated below. Namely, the above diagram shows that the computer switch is in the Mac position.



First, the computer switch is checked. Move the computer switch from USB to PC to Mac to MIDI and check that the corresponding PART B indicator LEDs are lit.

Then, the serial I/O are checked. Connect the serial check jig to the serial terminal. When the result is good, [USB] stops blinking and [Power] turns on as shown helow

ピュータースイッチを USB,PC,Mac,MIDI と切り替えて、 PART B インジケータの対応する LED が点灯することを 確認してください。

点灯します。



6. LED 点灯チェック

LED がちゃんと点灯、消灯するかのチェックです。ま ず、以下のように

すべての LED が点灯していることを確認して下さい。

Preview スイッチをおすと、Map LED から順に1個づつ LED が消灯していきます。すべての LED が消えたら OK

です。ただし、1回 Preview スイッチを押しただけなの

に、LED が複数個消えたり、1個も消えない場合はLED のスキャンラインに問題があります (NG)。 MAP Key を押すと次のテストに進みます。

7. MIDI チェック

MIDI IN, OUT のチェックです。このテストにはいった時 点では、以下のように [USB] のみ点滅しています。



この状態のときに、SC-8820 の MIDI OUT と MIDI IN を、 MIDI ケーブルで直結してください。うまく、MIDI が機 能していると以下のように[Power]が点灯します。



[INST MAP] は点滅していて次のテスト項目に移れること を表しています。 MAP Key を押すと次のテストに進みます。

接続しても [USB] が点滅したままの場合は、SC-8820 の MIDI 機能が NG です。 (NG の場合でも、MAP Key を2回押すと次のテストに進 むことが出来ます)

8. シリアル・チェック

コンピュータースイッチのチェックと、シリアル入出力 のチェックです。

このテストにはいった時点では、以下のように[USB]が 点滅し、PART B インジケータの LED の 1 つが点灯して

PART B インジケータは、コンピュータ・スイッチの位置 を示しています。

PART B インジケータとコンピュータ・スイッチの関係は 以下の通りです。すなわち、上図ではコンピュータ・ス イッチが Mac になっていることを示しています。

まずは、コンピュータースイッチのチェックです。 コン

次は、シリアル入出力のチェックです。シリアルチェッ ク治具を、シリアル端子に接続してください。うまくい くと、[USB] が点滅が消灯して、以下のように [Power] が [INST MAP] blinks to indicate that the unit can shift to the next test item

If [USB] remains blinking after connection, the serial I/O of the SC-8820 are not good. (If the result is not good, you can proceed to the next test by pressing the MAP key twice.)

9. Sound check

This test is conducted to check whether the SC-8820

sounds properly.
As soon as this test has started, all the indicators are off. Pressing the Preview switch provides the following display and you hear a sine wave from the left side

> $A \square \square \square \square \square$ O [O O B | | | | | | | INST MAP Power USB PART LEVEL PREVIEW

Check the volume and sound for any abnormality. Pressing the Preview switch again provides the following display and now you hear a sine wave from the right side. 音量、音をチェックして異常がないか聞いてみてくださ

[INST MAP] は点滅していて次のテスト項目に移れること

接続しても [USB] が点滅したままの場合は、SC-8820 の

シリアル入出力 NG です。(NG の場合でも、MAP Key を

このテストにはいった時点ではインジケータは全消灯し

Preview スイッチをおすと以下のように表示して左側か

2回押すと次のテストに進むことが出来ます)

を表しています。

9. サウンド・チェック

ています。

SC-8820 の音だしチェックです。

らサイン波が聞こえます。

もう一度 Preview スイッチをおすと以下のように表示し て今度は右側からサイン波が聞こえます。



Check the volume and sound for any abnormality.

Pressing the Preview switch further provides the following display and now you hear sine waves from the both sides.

> * [O O B **| | |** | | | | | INST MAP Power USB PART LEVEL PREVIEW

Check the volume and sound for any abnormality. Further pressing the Preview switch returns to the left side sound check.

[INST MAP] blinks to indicate that the unit can shift to the

Press the MAP key to proceed to the next test.

10. Effect check

This test is performed to check the effect sounds. As soon as this test has started, all the indicators are off. Pressing the Preview switch puts the unit in the Insertion Effect test and provides the following display.

音量、音をチェックして異常がないか聞いてみてくださ

音量、音をチェックして異常がないか聞いてみてくださ

さらに Preview スイッチをおすと以下のように表示され

今度は左右両方からサイン波が聞こえます。

チェックに戻れます。 [INST MAP] は点滅していて次のテスト項目に移れること

Preview スイッチをさらにおしていくと、左側の音

. を表しています。 MAP Key を押すと次のテストに進みます。

10. エフェクト・チェック

エフェクト音のチェックです。

このテストにはいった時点ではインジケータは全消灯し ています。 Preview スイッチをおすと、Insertion Effect のテストに

なり以下の要に表示します。



Also, the snares sound as indicated below

また、スネアが、以下のように鳴ります。

On --
$$(1.0sec)$$
 -> **On** -- $(1.5sec)$ -> On -- $(1.0sec)$ -> **On** -- $(1.5sec)$ -> ...

This bold On is a delay sound. Check the sound intervals and delay sound for abnormality.

Pressing the Preview switch again places the unit in the Delay (System Effect) test and provides the following display.

この、太字の On がディレイ音です。音の間隔と、ディ レイ音に異常がないかチェックしてください。

もう一度 Preview スイッチをおすと、Delay (System Effect) のテストになり、以下のように表示します。



Also, the castanets sound as indicated below.

また、カスタネットが、以下のように鳴ります。

On -- (1.0sec) -> On -- (1.5sec) -> On -- (1.0sec) -> On -- (1.5sec) -> ...

This bold On is a delay sound. Check the sound intervals and delay sound for abnormality.

この、太字の On がディレイ音です。音の間隔と、ディ レイ音に異常がないかチェックしてください。

Pressing the Preview switch further places the unit in the Reverb (System Effect) test and provides the following display.

> O [O O B □□■□] ◎ INST MAP Power USB PART LEVEL PREVIEW

The reverberated snares sound periodically. Check whether the snares are reverberated properly.

Further pressing the Preview switch returns to the Insertion Effect test.

This ends a series of tests. Switch power off.

2. The SC-8850 is used.

♦ Items to Be Prepared

- 1. SC-8850
- 2 MIDI cable

1. How to enter the test mode 1. Connect the SC-8820 and SC-8850.

Connect MIDI OUT of the SC-8820 and MIDI IN 1 of the SC-8850 by the MIDI cable.

2. Entering the test mode

Set the computer switch on the rear of the SC-8850 to "MIDI", and switch power on. (After this, the SC-8850 will never be operated.)

Set the computer switch on the rear of the SC-8820 to

Hold down Preview and switch power on.

While the Map key is lit, press Preview twice, then press

If the LCD shows the following message,

さらに Preview スイッチをおすと、Reverb (System Effect) のテストになり以下の要に表示します。

リバーブがかかったスネアが、定期的になります。正し くリバーブがかかっているか確認してください。

Preview スイッチをさらにおしていくと、インサーショ ンエフェクトテストに戻れます。

これで、一通りのテストが終了です。電源を切って下さ

2. SC8850 を使用して行う 用意するもの

- 1. SC-8850
- 2. MIDI ケーブル

1. テストモードへの入り方 1. SC-8820 と SC-8850 を接続する。 SC-8820 の MIDI OUT と SC-8850 の MIDI IN 1 を MIDI ケーブルで接続して下さい。

2. テストモードに入る

設定して電源を立ち上げます。(この後 SC-8850 を操作 することはありません。) SC-8820 の背面のコンピュータースイッチを " Mac " に

設定します。

Previwe を押しながら電源を立ち上げます。 Map Key が点灯している間に、Previwe を 2 回押し、そ の後 Map Key を押して下さい。

LCD IZ、

and restart.



the computer switch setting of the SC-8820 may be wrong. Restart from step 2.

If nothing appears on the LCD, the computer switch setting of the SC-8850 may be wrong. Restart from step

2. CPU ROM version display

Immediately after the unit is placed in the test mode by the operation in step 1, the CPU ROM version is displayed

が表示された場合は、SC-8820 のコンピュータースイッ チの設定が間違えている可能性があります。2.の最初か らやり直して下さい。

LCD に、何も表示されない場合は、SC-8850 のコン ピュータースイッチが間違えている可能性があります。 2. の最初からやり直してみて下さい。

2. CPU 内 ROM バージョン表示 1. の操作でテストモードに入った直後は、CPU 内 ROM の バージョン表示になっています。

- CPU Version -

0100

Next Push [MAP] key

この場合、Version 1.00 ということになります。

3. Program ROM version display

The above display denotes Version 1.00.

Press the MAP key to proceed to the next test.

This display provides the version of the program ROM (16-Mbit flash ROM).

MAP Key を押すと次のテストに進みます。

3. Program ROM バージョン表示

Program ROM (16Mbit Flash ROM) のバージョン表示で

- Flash Version -

0101

Next Push [MAP] key

この場合、Version 1.01 ということになります。 The above display denotes Version 1.01. MAP Key を押すと次のテストに進みます。 Press the MAP key to proceed to the next test.

4. UIPC version display

5. Device test

tested.

This display provides the version of the UIPC.

The above display denotes Version 1.10.

Press the MAP key to proceed to the next test.

If all are OK, the following display is provided.

The flash ROM, XP chip, wave ROM and LSP chip are

4. UIPC バージョン表示 UIPC のバージョン表示です。

- UIPC Version -

0110

Next Push [MAP] key

この場合、Version 1.10 ということになります。 MAP Key を押すと次のテストに進みます。

5. Device テスト

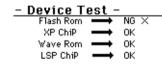
Flash Rom, XP Chip, Wave Rome, LSP Chip のテストをし

すべてが、OK の場合は、



Press the MAP key to proceed to the next test. If any of the above devices is not good, OK is replaced by "NG X". For example, if the flash ROM is not good, the following display is provided.

と表示されます。 MAP Key を押すと次のテストに進みます。 NG の場合、OK の部分に、"NG X" の表示がされます。例 えば、Flash Rom が NG だった場合、



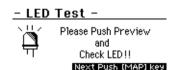
If the result is not good, you can proceed to the next test by pressing the MAP key twice.

6. LED on/off check

This test is made to check whether the LEDs turn on and off properly. Since the LEDs of the SC-8820 must be checked, the following display is provided.

と表示されます。 NG の場合でも、MAP Key を 2 回押すと次のテストに進む ことが出来ます)

6. LED 点灯チェック LED がちゃんと点灯、消灯するかのチェックです。この チェックは、SC-8820 の LED を確認しないといけないの



Look at the SC-8820 LEDs and make sure that all LEDs

Pressing the Preview switch extinguishes the LEDs one by one in due order, starting from the Map LED. The result is OK if all the LEDs have turned off. However, if several or no LEDs have turned off by merely pressing the Preview switch once, the LED scan line has a problem (not good). Press the Map key to proceed to the next test.

のような表示になっています。

SC-8820 の LED を見て、すべての LED が点灯しているこ とを確認して下さい。 Preview スイッチをおすと、Map LED から順に1個づつ

LED が消灯していきます。すべての LED が消えたら OK です。ただし、1回 Preview スイッチを押しただけなの に、LED が複数個消えたり、1個も消えない場合は LED のスキャンラインに問題があります (NG)。 MAP Key を押すと次のテストに進みます。

Nov. 1999

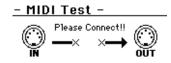
SC-8820

7. MIDI check

This test is made to check MIDI IN and OUT.

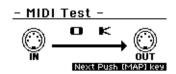
7. MIDI チェック

MIDI IN, OUT のチェックです。



When the above display is provided, connect MIDI OUT and MIDI IN of the SC-8820 directly by the MIDI cable. If the MIDI functions properly, the following display is provided.

このような、表示になっているときに、SC-8820 の MIDI OUT と MIDI IN を、MIDI ケーブルで直結してください。う まく、MIDIが機能していると、



Press the MAP key to proceed to the next test. If the preceding display remains unchanged, the MIDI function of the SC-8820 is not good.

(If the result is not good, you can proceed to the next test by pressing the MAP key twice.)

8. Serial check

9. Sound check

sounds properly.

This test is made to check the computer switch and serial

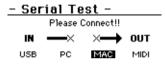
のような表示になります。MAP Key を押すと次のテスト に進みます。

前の表示のまま変化がなかった場合は、SC-8820 の MIDI 機能が NG です。

(NG の場合でも、MAP Key を 2 回押すと次のテストに進 むことができます)

8. シリアル・チェック

コンピューダースイッチのチェックと、シリアル入出力の チェックです。



At the beginning, the above display is provided First, the computer switch is checked. Move the computer switch to PC. Then.

はじめ、このような、表示になっています。 まずは、コンピュータースイッチのチェックです。コン ピュータースイッチを PC に切り替えてみて下さい。

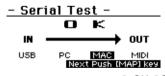


the display shows that PC is selected. Similarly, move the computer switch to USB, Mac and MIDI and make sure that the display reflects the changing of the switch position properly. If the display does not change after changing of the switch position, the result is no good.

Then, the serial I/O are checked. Connect the serial check jig to the serial terminal. When the result is good, OK appears as shown below.

PC が選択された表示にかわります。同様に、USB, Mac, MIDI に切り替えた時にちゃんと表示が反映されているこ とを確認してください。切り替えたのに、表示が切り替わ らない場合は NG です。

次は、シリアル入出力のチェックです。シリアルチェック 治具を、シリアル端子に接続してください。うまくいくと、



Press the MAP key to proceed to the next test. If the preceding display remains unchanged, the serial I/O of the SC-8820 are not good.

(If the result is not good, you can proceed to the next test by pressing the MAP key twice.)

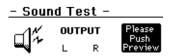
This test is conducted to check whether the SC-8820

の OK の表示が出ます。MAP Key を押すと次のテストに 進みます。 前の表示のまま変化がなかった場合は、SC-8820 の シリ

アル入出力 NG です。 (NG の場合でも、MAP Key を 2 回押すと次のテストに進 むことができます)

9. サウンド・チェック

SC-8820 の音だしチェックです。



Pressing the Preview switch provides the following display,

Preview スイッチをおすと、

- Sound Test -



and you hear a sine wave from the left side. Check the volume and sound for any abnormality.

となり、左側からサイン波が聞こえます。音量、音を チェックして異常がないか聞いてみてください。

Pressing the Preview switch again provides the following display. - Sound Test

もう一度 Preview スイッチをおすと



OUTPUT



and now you hear a sine wave from the right side. Check the volume and sound for any abnormality Pressing the Preview switch further provides the following display.

となり、今度は右側からサイン波が聞こえます。音量、音 をチェックして異常がないか聞いてみてください。 さらに Preview スイッチをおすと



and now you hear sine waves from the both sides. Check the volume and sound for any abnormality.

Further pressing the Preview switch returns to the left side

Press the MAP key to proceed to the next test.

となり、今度は左右両方からサイン波が聞こえます。音 量、音をチェックして異常がないか聞いてみてください。 Preview スイッチをさらにおしていくと、左側の音チェッ クに戻れます。

MAP Key を押すと次のテストに進みます。

10. Effect check

This test is performed to check the effect sounds.

10. エフェクト・チェック エフェクト音のチェックです。

- Effect Test -InsEfx Delay Reverb

By pressing the Preview switch,

Preview スイッチをおすと、



the snares sound: On --(1.0 sec)-> On--(1.5 sec)-> On --(1.0 sec)-> **On** --(1.5 sec)-> ... This bold On is a delay sound. Check the sound intervals and delay sound for abnormality.

By pressing the Preview switch again,

スネアが、 On --(1.0sec)-> On --(1.5sec)-> On --(1.0sec)-> On --(1.5sec)-> ...

と鳴ります。この、太字の On がディレイ音です。音の間 隔と、ディレイ音に異常がないかチェックしてください。

もう一度 Preview スイッチをおすと

Effect Test







the castanets sound: On --(1.0 sec)-> On--(1.5 sec)-> On --(1.0 sec)-> On --(1.5 sec)-> ... This bold On is a delay sound. Check the sound intervals and delay sound for abnormality

By pressing the Preview switch further,

カスタネットが、

On --(1.0sec)-> On --(1.5sec)-> On --(1.0sec)-> On --

と鳴ります。この、太字の On がディレイ音です。音の間 隔と、ディレイ音に異常がないかチェックしてください。 さらに Preview スイッチをおすと

- Effect Test



InsEfx Delay Reverb



the reverberated snares sound periodically. Check whether the snares are reverberated properly

Further pressing the Preview switch returns to the Insertion Effect test.

This ends a series of tests. Switch power off

リバーブがかかったスネアが、定期的になります。しっか り、リバーブがかかっているか確認してください。

Preview スイッチをさらにおしていくと、インサーションエ フェクトテストに戻れます。

これで、一通りのテストが終了です。電源を切って下さい。

9

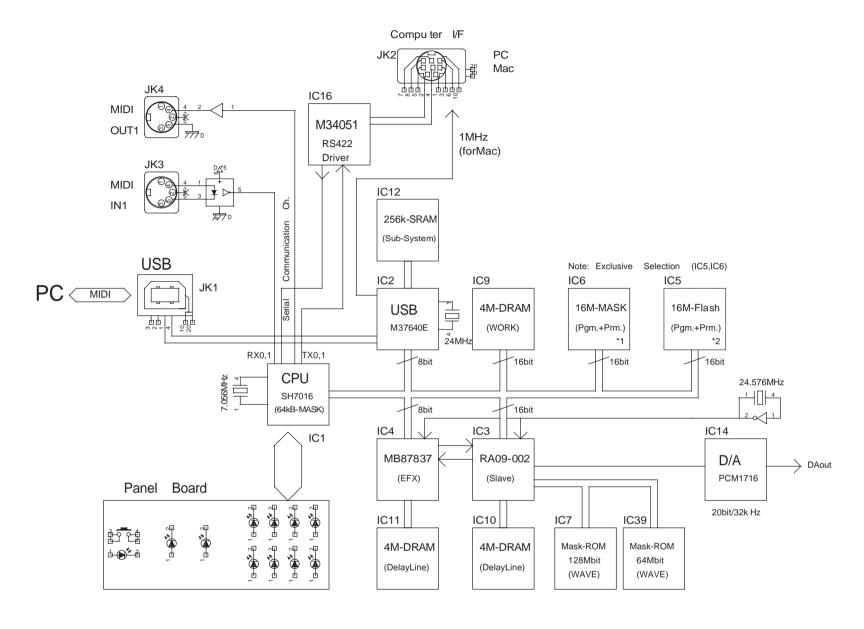
SC-8820

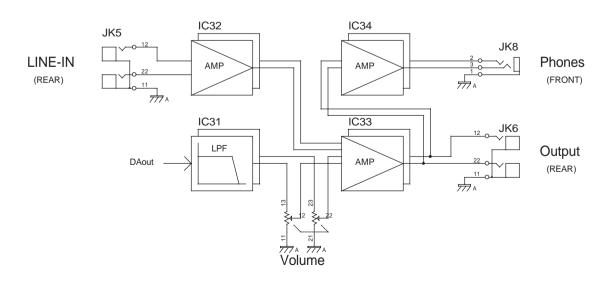
В

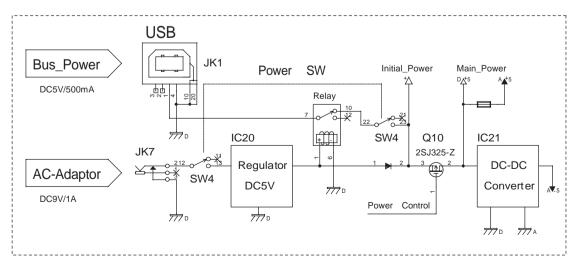
Nov, 1999

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28

A BLOCK DIAGRAM / プロック図







1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28

CURCUIT BOARD / 基板図 MAIN BOARD ASSY (71560778)

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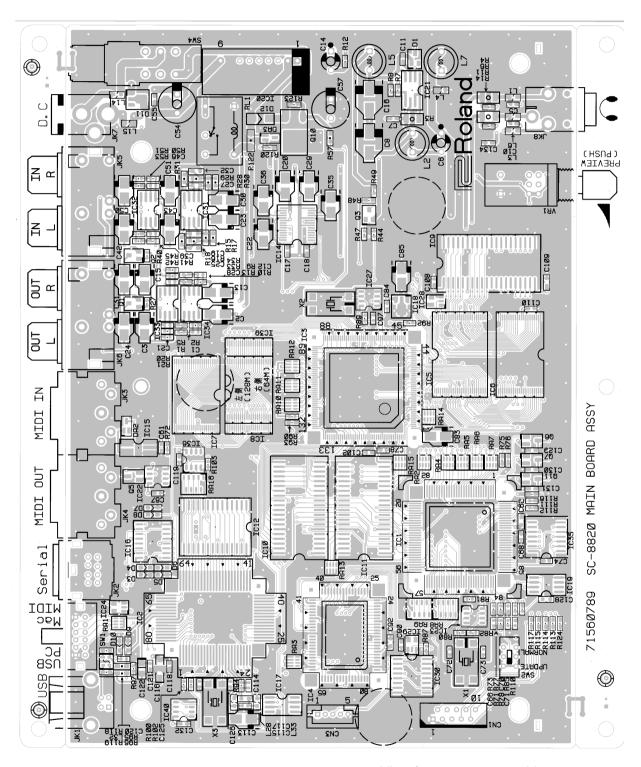
P

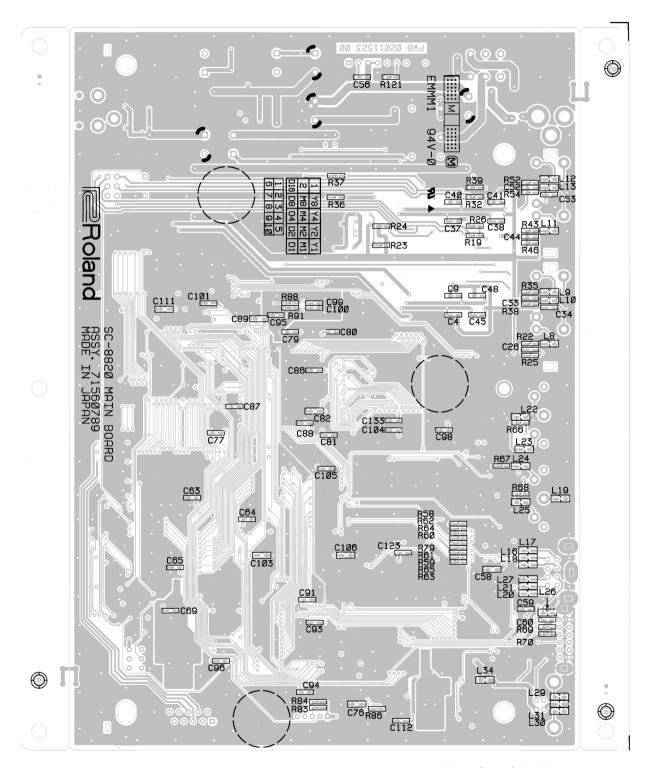
Q

R

S

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View from component side.

View from foil side.

SC-8820 Nov, 1999

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28

A PANEL BOARD ASSY (71565345)

В

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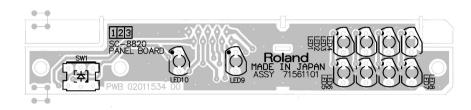
M

Ν

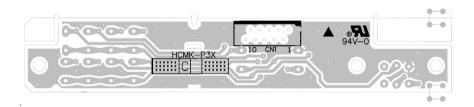
P

R

2



View from component side.



View from foil side.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28

A CIRCUIT DIAGRAM / 回路図 MAIN BOARD ASSY (71560778)

ВС

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J

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Р

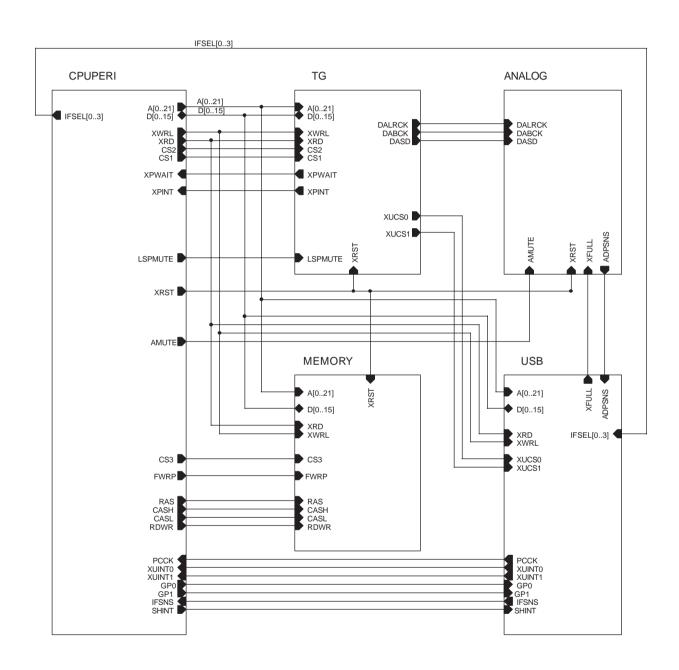
Q

 \bigcirc

R

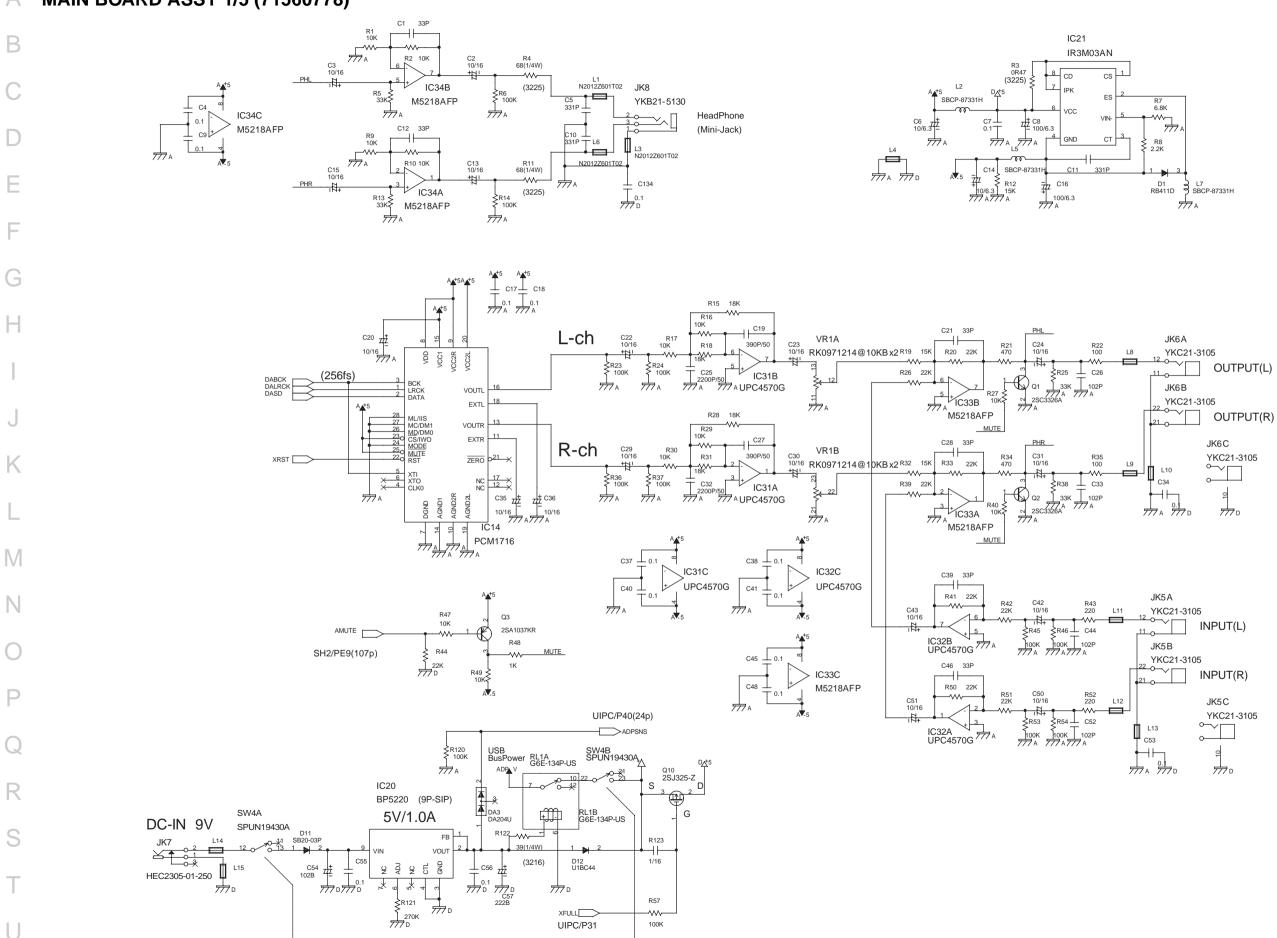
S

U

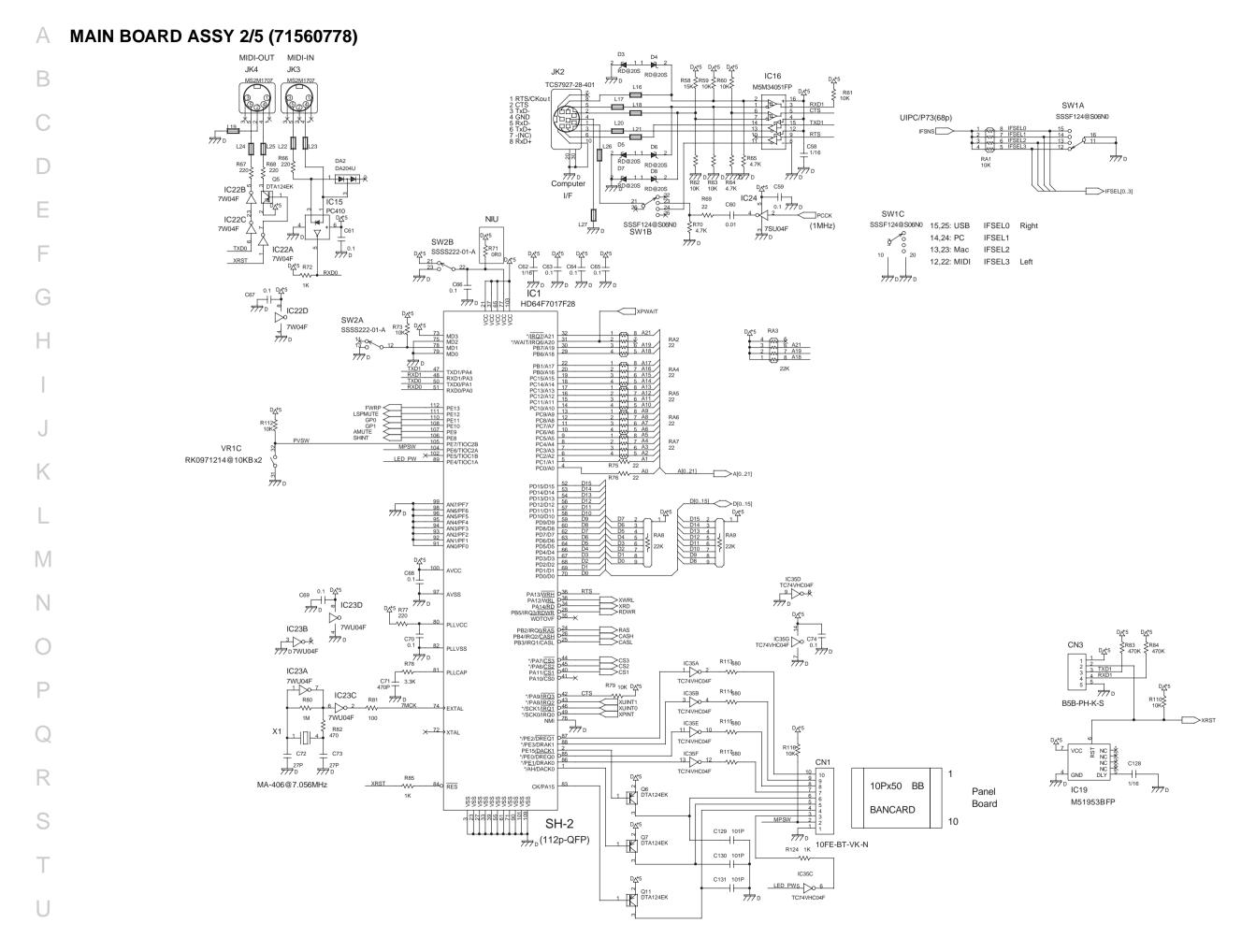


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28

MAIN BOARD ASSY 1/5 (71560778)



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 2

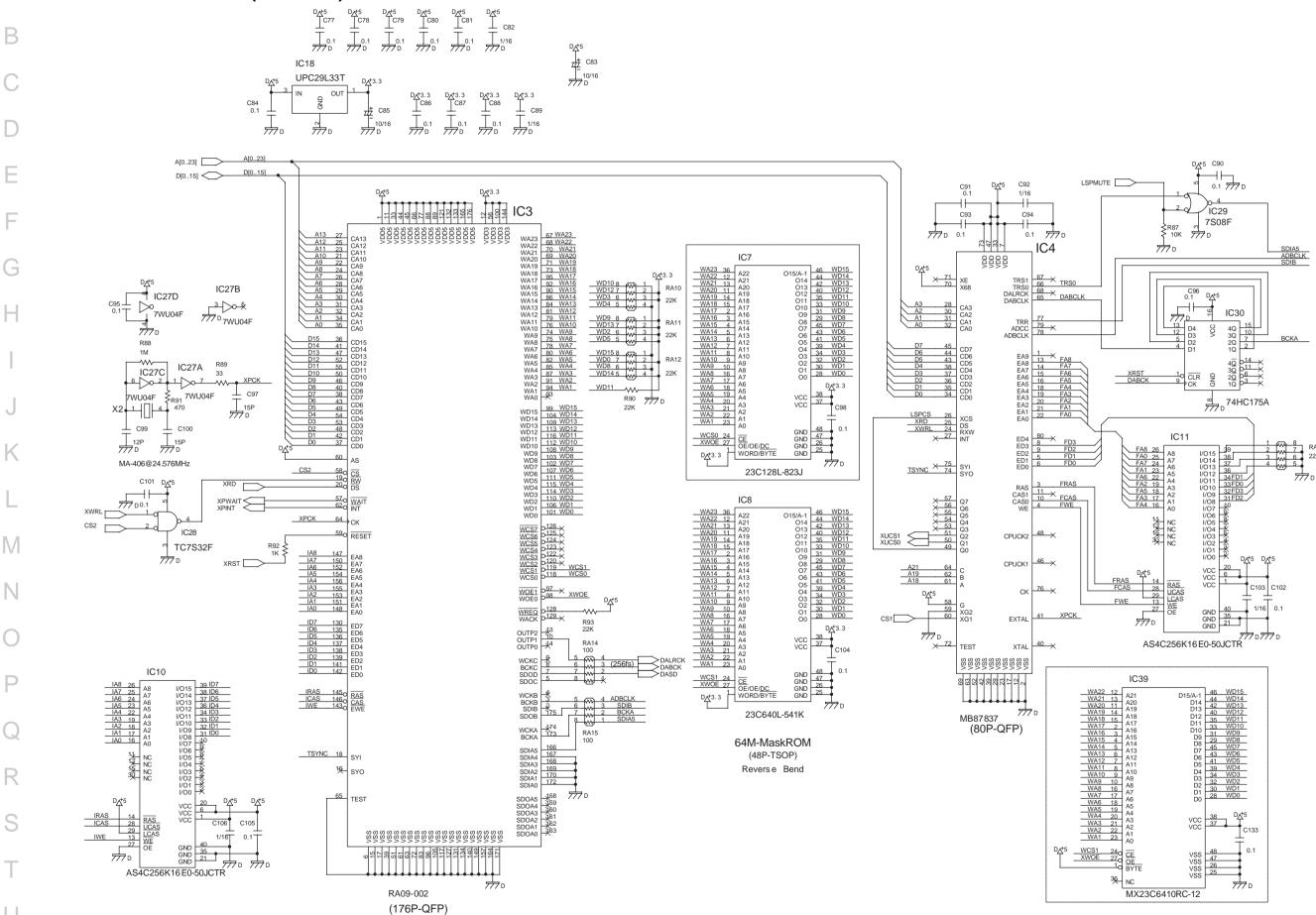


SC-8820

Note: Exclusive selection IC7,IC39

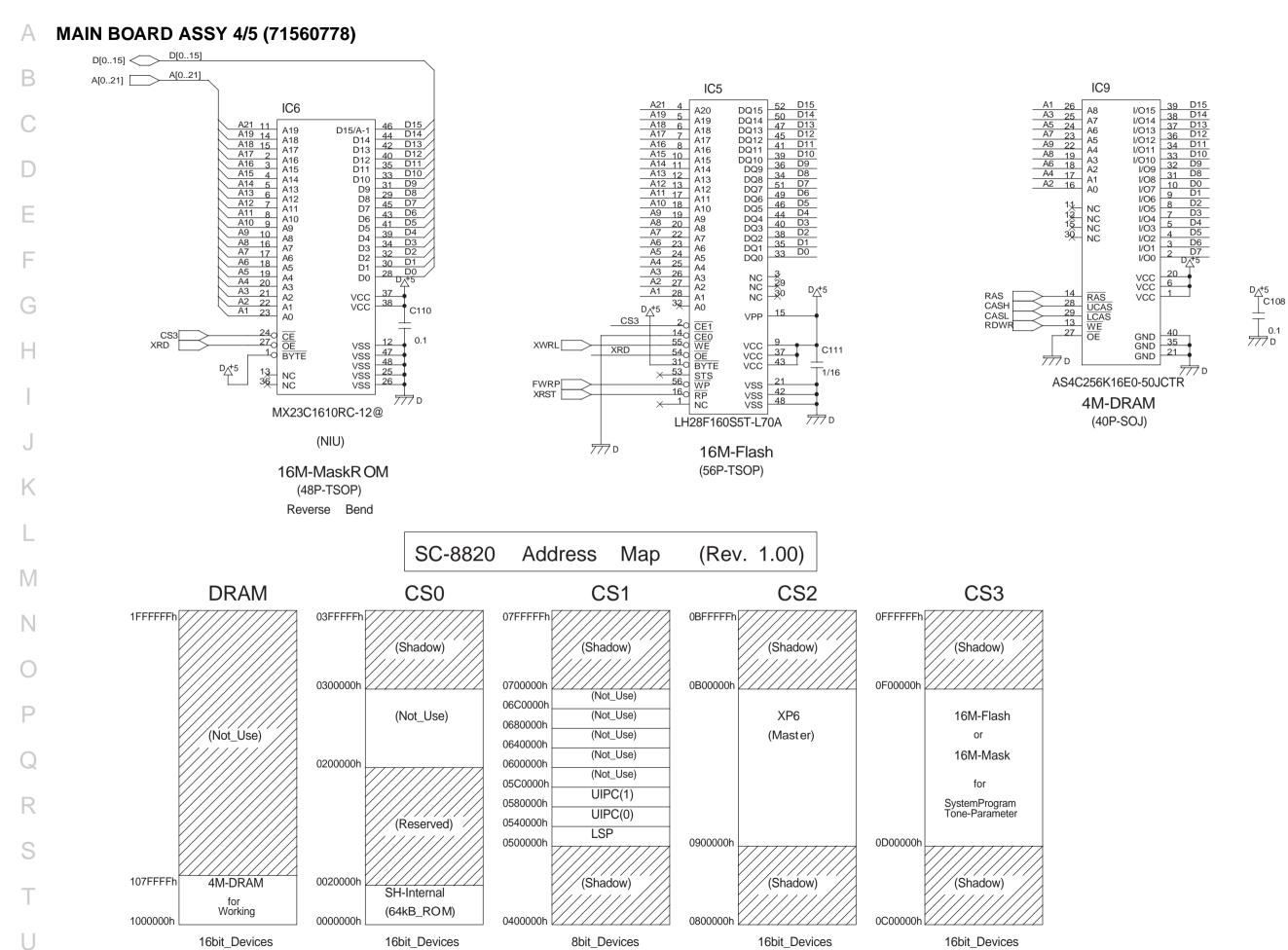
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28

MAIN BOARD ASSY 3/5 (71560778)

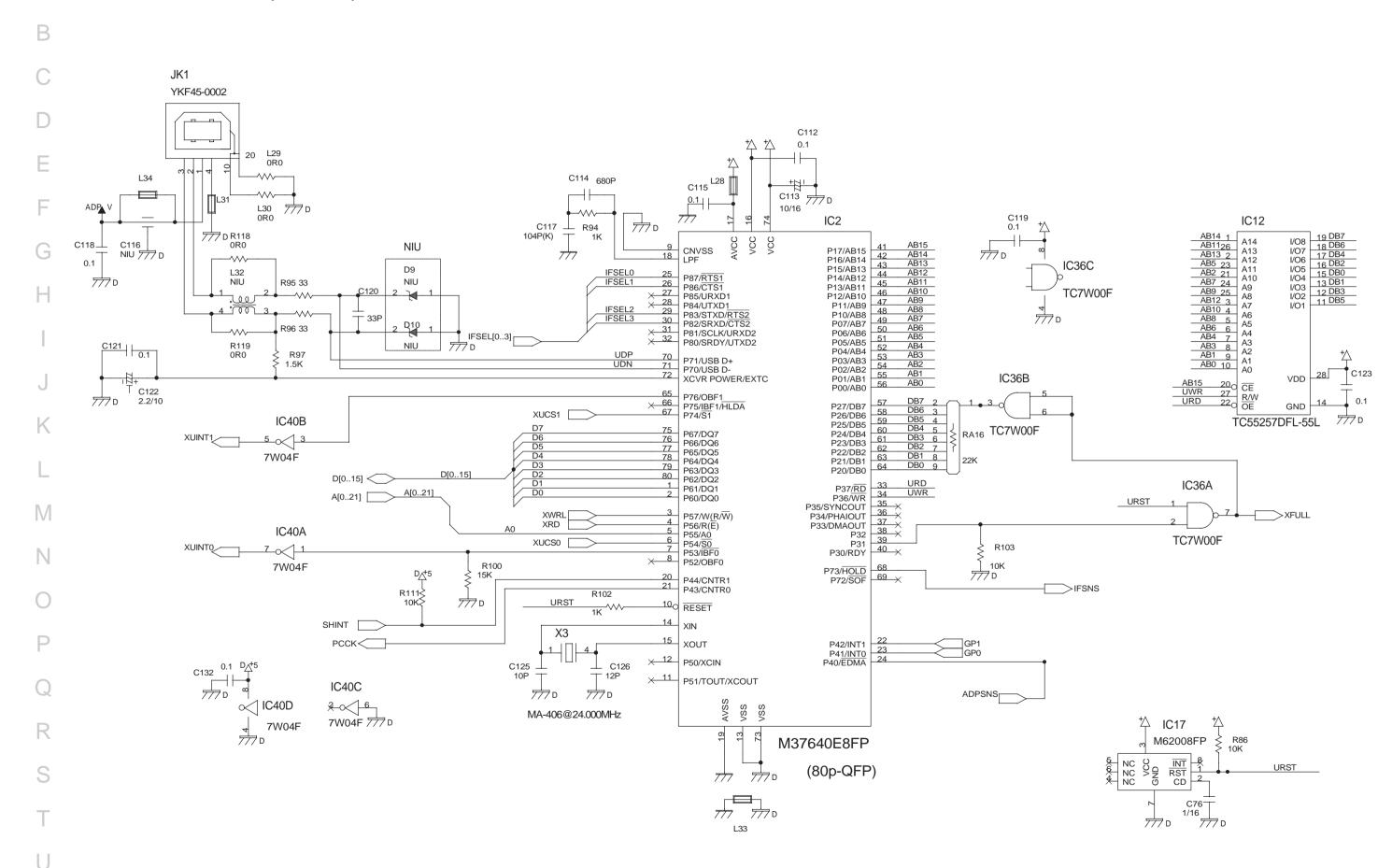


D_+5 C109

>>> D



A MAIN BOARD ASSY 5/5 (71560778)



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28

P-5

(GREEN)

P-6

SW1B

6 6 5

SKHQFM

(RED)

P-7

P-8

USB

(ORENGE)

LED9

1 2 2 SLR-325DC

A PANEL BOARD ASSY (71565345)

M

Ν

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В D Е FPC Cable (BB) CN1 G LD3 LD2 LD1 LD0 LS0 LS1 LS2 10Px90 Н **BANCARD** 2 0 4 1 3 LED10 P-1 P-2 P-3 P-4 1 1 2 SW1A LED2 10FE-BT-VK-N LED1 LED3 LED4 SKHQFM SLR-325VC 1 2 1 2 1 7 2 1 7 2 SLR-325MC SLR-325MC SLR-325DC SLR-325MC **POWER** K LED6 LED7 LED5 LED8 (RED) 1 7 2 1 1 2 1 1 2 1 7 2 SLR-325MC SLR-325MC SLR-325MC SLR-325DC