

CITIZEN®

Service Manual

DOT MATRIX PRINTER

MODEL CBM-910II

Aug 20th, 2005 Issued

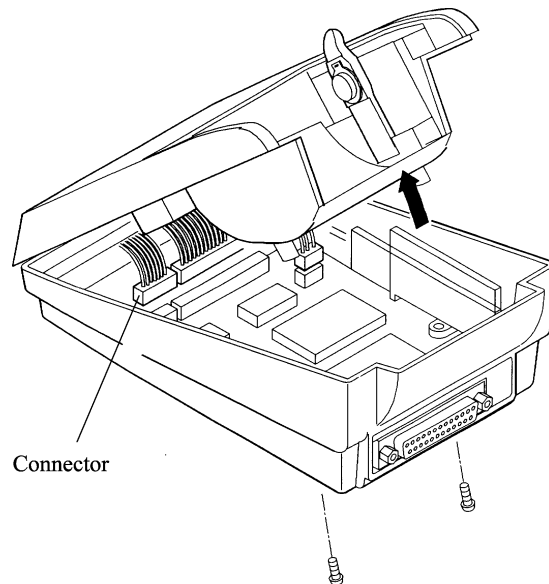
CITIZEN SYSTEMS JAPAN CO.,LTD.

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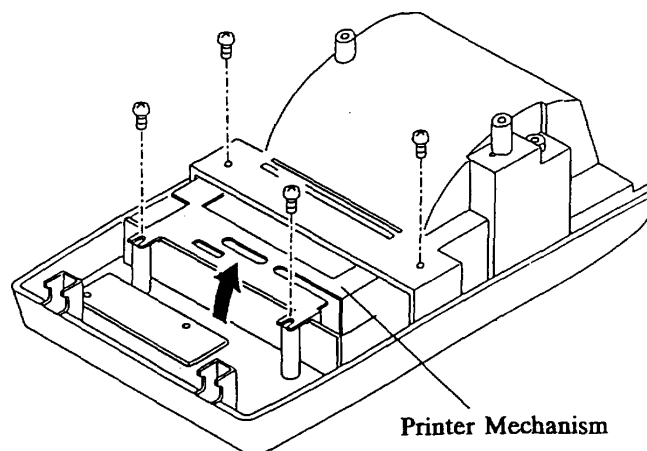
1. How to remove the Upper Cover

- (1) Unfasten 2 screws M3 × 8 on the Bottom Cover.
- (2) Lift the Upper Cover in the arrow direction removal.
- (3) Unfasten 2 screws, The Printer Mechanism mounting screw, then remove the Shield Plate from the Printer Mechanism.
- (4) Disconnect the 2 Connectors from the Control Board.



2. How to remove the Printer Mechanism

- (1) Remove the Upper Cover.
- (2) Unfasten 4 screws M2.6 × 8 and M2 × 6 as shown below.
- (3) Lift the Printer Mechanism in the arrow direction.

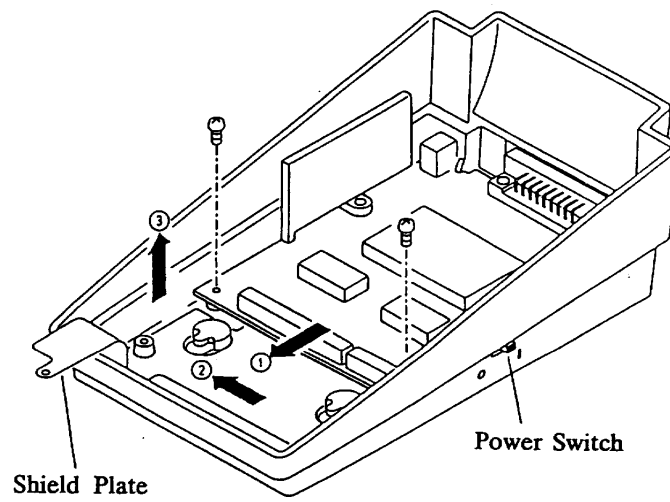


3. How to remove the Control Board

- (1) Remove the Upper Cover.
- (2) Unfasten 2 screws M3 × 8 as shown below.
- (3) Shift the Control Board in the arrow direction ①.
- (4) Shift the Control Board in the arrow direction ②.

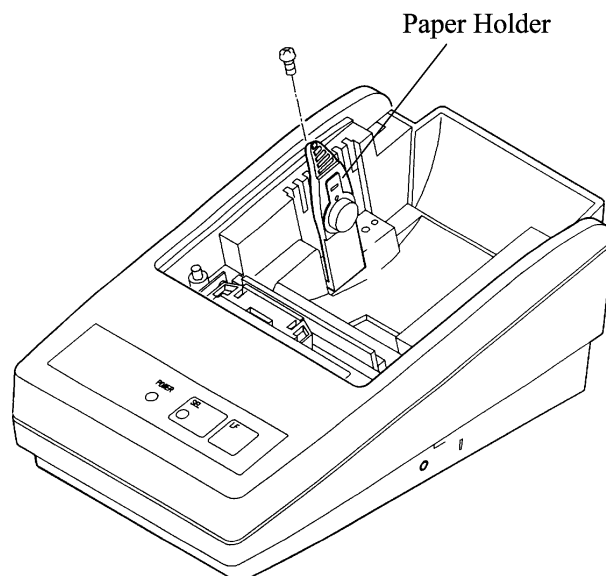
And remove the Power Switch from the Bottom Cover. Then lift in the arrow direction ③.

Remove the shield Plate together with the Control Board.



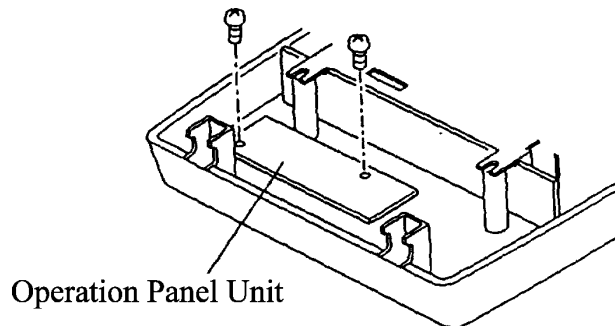
4. How to remove the Paper Holder

- (1) Remove the Printer Cover.
- (2) Unfasten a screw as shown below.



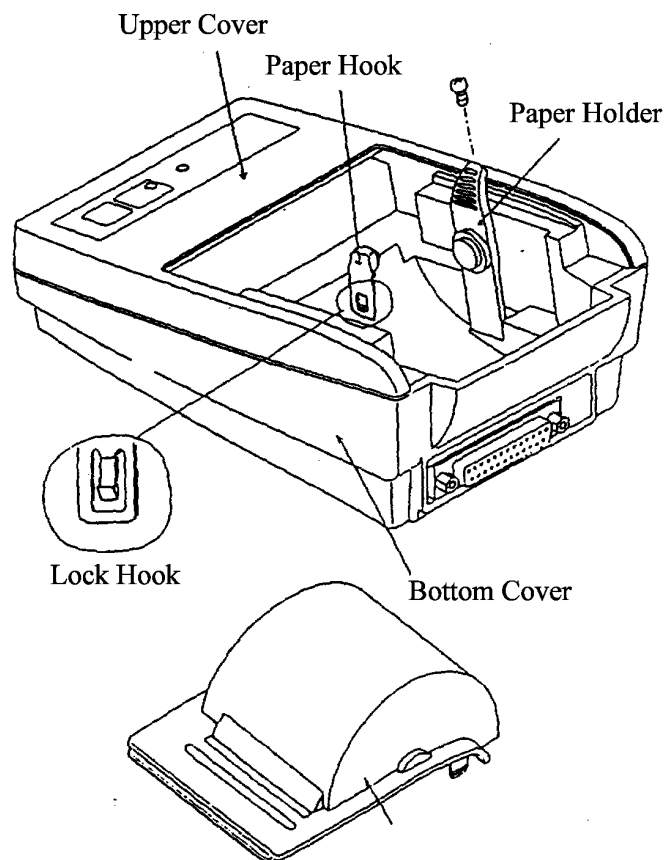
5. How to remove the Operation Panel

- (1) Remove the upper Cover.
- (2) Unfasten 2 screws M2.6 × 6 as shown below.

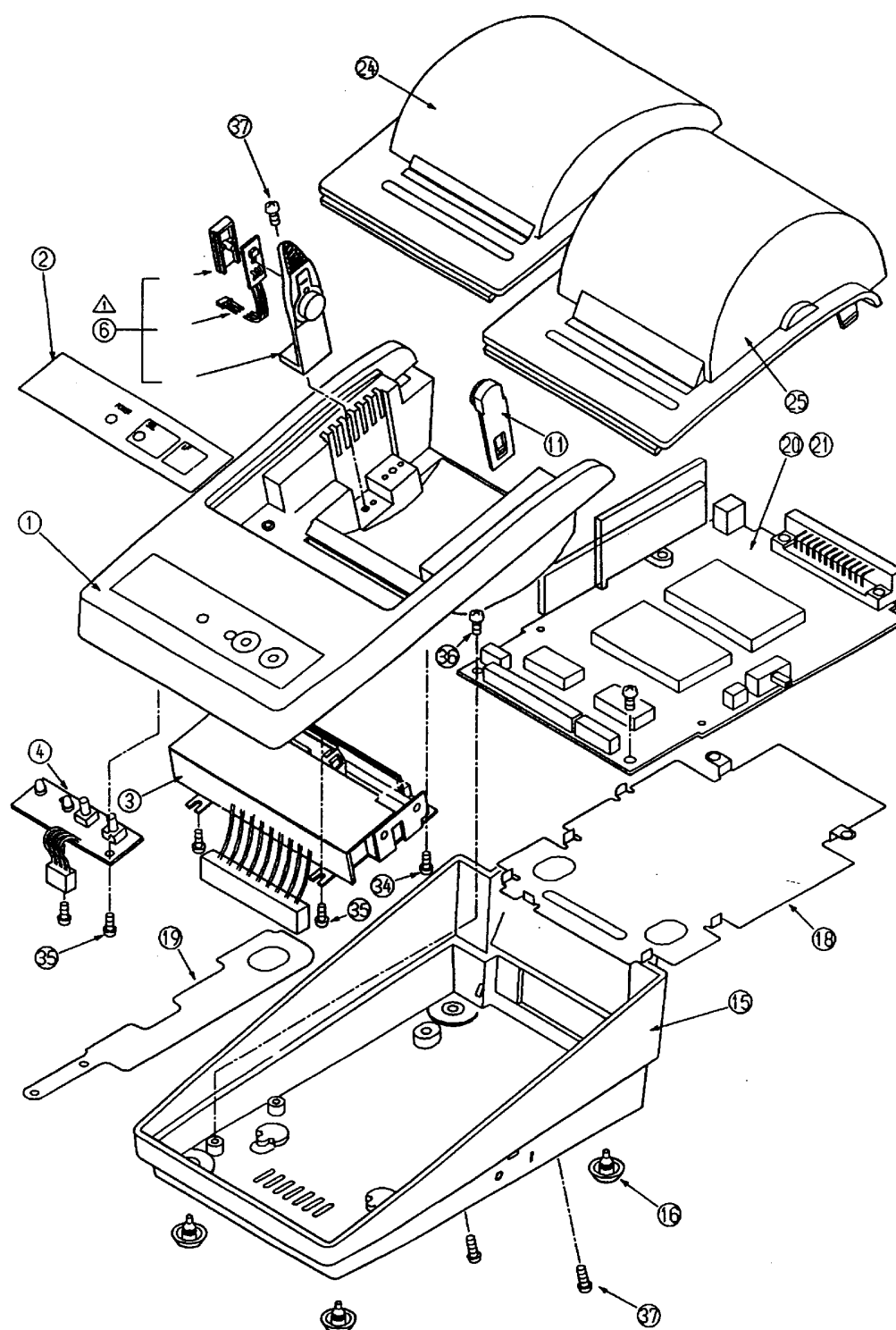


6. How to remove the Paper Hook

- (1) Remove the Printer Cover.
- (2) Release a Lock Hook as shown below and lift the Paper Hook to the upside.
- (3) When you set this Lock Hook, set the side of Hook to the Upper Cover, and according to the guide, inset the Lock Hook until this is locked completely.



7. Exploded View: CBM-910II

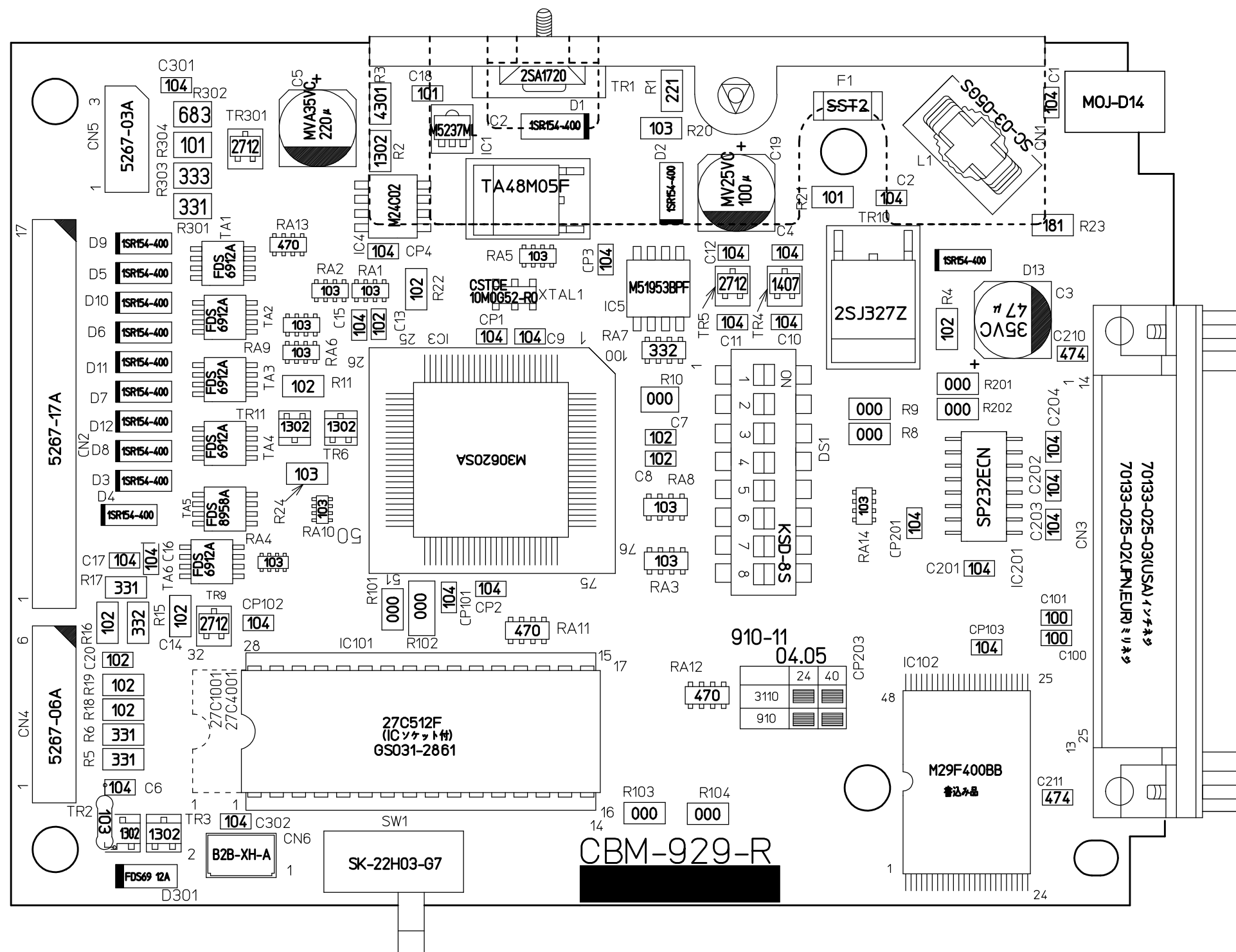


Ref No.	Parts No.	Description	Remarks
1	E 62010670	Top case	Standard color
2	80-0159	OP sheet	
3	MD910	Printer MD910	24 columns
3	MD911	Printer MD911	40 columns
4	E 4000-850	OP assy	
SW1,2	E 5102-430	SWITCH SKHHAN	
LED1,2	E 480-290	LED SEL2310E	
6	E 4000-970	PE Holder assy	
11	E 6611-405	Paper hook	
15	E 62020140	Bottom case	Standard color
16	E 6302-290	Foot	
18	E 4035-720	Schild plate	
19	E 4035-730	Ground sheet	
24	E 62040170	Printer cover (H) (ø 80 roll)	
25	E 62040180	Printer cover (ø 60 roll)	
34	76G23760	Screw M2 x 6	
35	76G22839	Screw M2.6 x 8	
37	76G40207	Screw M3 x 10	
	92ADU	AC adaptor 92AD-U	USA
	92ADJ	AC adaptor 92AD-J	JPN
	92ADE	AC adaptor 92AD-E	EUR

CBM-910II Parts List

2/2

Ref No.		Parts No.	Description	Q"ty		Remarks
R	P			R	P	
		950037-00	PCB Assy 910-2 R JPN/EUR 24col	(1)		JPN/EUR 24col
		950038-00	PCB Assy 910-2 R USA 24col	(1)		U S A 24col
		950039-00	PCB Assy 910-2 R JPN/EUR 40col	(1)		JPN/EUR 40col
		950042-00	PCB Assy 910-2 R USA 40col	(1)		USA 40col
		950040-00	PCB Assy 910-2 P 24 col		(1)	24 columns
		950041-00	PCB Assy 910-2 P 40col		(1)	40 columns
IC3	IC3	H130006-10	CPU M30620M8A	1	1	
IC4	IC4	H120012-00	EEPROM M24C02WMN6	1	1	
IC5	IC5	H150001-10	Reset IC M51953BPF	1	1	
IC2	IC2	H170007-10	Regulator M5237ML	1	1	
IC1	IC1	H170008-10	Regulator TA48M05F	1	1	
IC201		H160001-10	I/F IC SP232ECN	1	0	
	IC201,IC202	H110023-10	HCMOS SN74LV05APW	0	2	
	IC203	H110012-00	HCMOS 74LV74APW	0	1	
TA1-TA4,TA6	TA1-TA4,TA6	H240011-10	Transistor array FDS6912A	5	5	
TA5	TA5	H240012-10	Transistor array FDS8958A	1	1	
TR1	TR1	H200002-10	Transistor 2SA1720	1	1	
TR4,TR5,TR9	TR4,TR5,TR9	H220001-10	Transistor 2SC2712	3	3	
TR2,TR3	TR2,TR3	H290002-10	Transistor RN1302	2	2	
TR6,TR11	TR6,TR11	H290002-10	Transistor RN1302	2	2	
	TR202	H290002-10	Transistor RN1302	0	1	
	TR201	H280005-10	Transistor 2SK3018	0	1	
TR10	TR10	H280006-10	FET 2SJ327Z	1	1	
	TR201	H280005-10	FET 2SK3018	0	1	
XTAL1	XTAL1	H630008-10	Ceramic X'tal CSTCE10M0G52-R0	1	1	
SW2		H610001-10	DIPSW KSD08S	1	0	
	SW2	H610003-10	DIPSW KSD04S	0	1	
SW1	SW1	H650014-10	Power S W SK-22H03-G7	1	1	
CN1	CN1	H500050-10	Connector MOJ-D14	1	1	
CN2	CN2	H500051-10	Connector 5267-17A	1	1	
CN3		H500024-10	Connector 70013-025-03	1	0	
CN3		H500025-10	Connector 70013-025-04	1	0	
	CN3	H500027-10	Connector 57RE-40360-730B(D29)	0	1	
CN4	CN4	H500008-10	Connector 5267-06A	1	1	
F1	F1	H620012-10	Fuse SST2	1	1	
L1	L1	H640010-00	SC coil SC-03-05GS	1	1	
CN5	CN5	H500005-10	Connector 5267-03A	<1>	<1>	



CBM-929-R

THIRD ANGLE	TREATMENT		MATERIAL	T=							
UNIT mm					MARK	DATE	REVISION	REV.No.	DRAWN	APPR/DATE	APPR
SCALE	TOLERANCE		MODEL	QTY	TITLE						
Free	DIMENSION	ANGLE	CBM-910II CBM-929	(1)	部品配置図(シリアル)						
Japan CBM Corporation			APPROVED	DESIGNED	DRAWN	PARTS No.	910-11				

