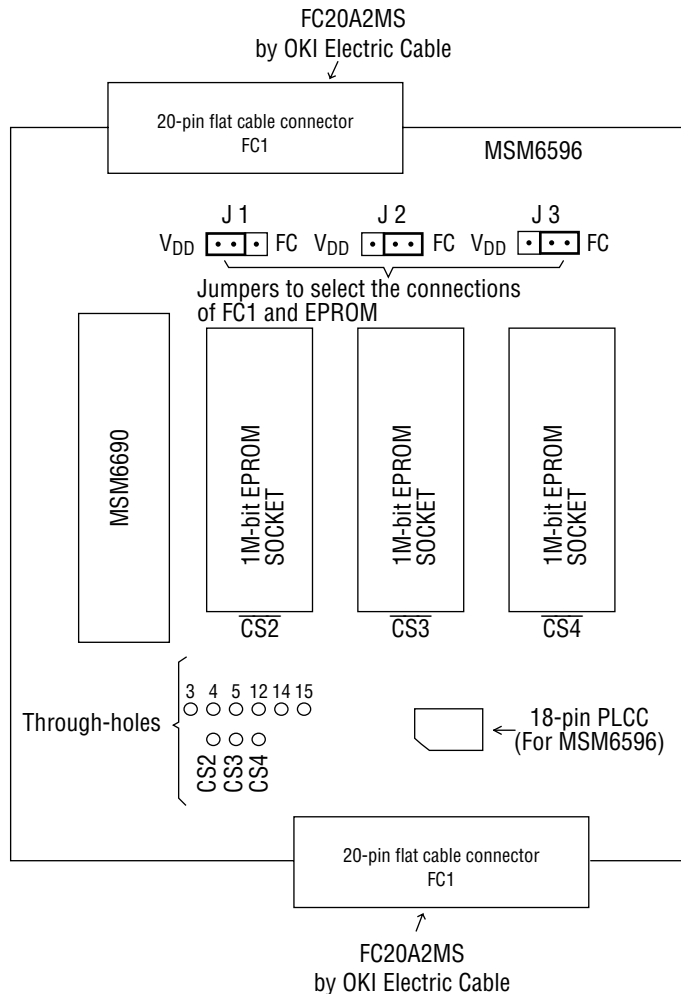


**MSM6596 DEMO BOARD****MSM6596 Demonstration Board****BOARD DESIGN****HOW TO USE THE BOARD**

## 1. EPROM Connection Procedure

- Position to insert the EPROM

When one serial register is used, set the EPROMs at the positions of  $\overline{CS2}$  and  $\overline{CS3}$  or the positions of  $\overline{CS3}$  and  $\overline{CS4}$ .

- Jumper setting

When the EPROMs are set at the  $\overline{CS2}$  and  $\overline{CS3}$ , set J1 and J2 of jumpers to the right side (FC side) and J3 of jumper to the left side ( $V_{DD}$  side).

When the EPROMs are set at the  $\overline{CS3}$  and  $\overline{CS4}$ , set J2 and J3 of jumpers to the right side (FC side) and J1 of jumper to the left side ( $V_{DD}$  side).

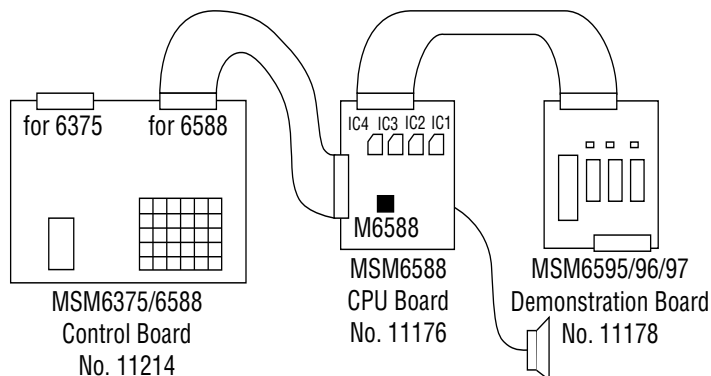
## 2. 18-pin PLCC (for MSM6596) Connection Procedure

- 18-pin PLCC  
Mount the MSM6596 of the 18-bit PLCC
- Jumper setting  
In the evaluation of EPROM, when EPROMs are set at the positions of  $\overline{CS2}$  and  $\overline{CS3}$ , connect the through-holes  $\overline{CS2}$  and 4, and  $\overline{CS3}$  and 3 with the jumper wire.  
When EPROMs are at the positions of  $\overline{CS3}$  and  $\overline{CS4}$ , connect the through-holes  $\overline{CS3}$  and 4, and  $\overline{CS4}$  and 3 with jumper wire.

## 3. MSM6588 Demonstration Board Connection Procedure

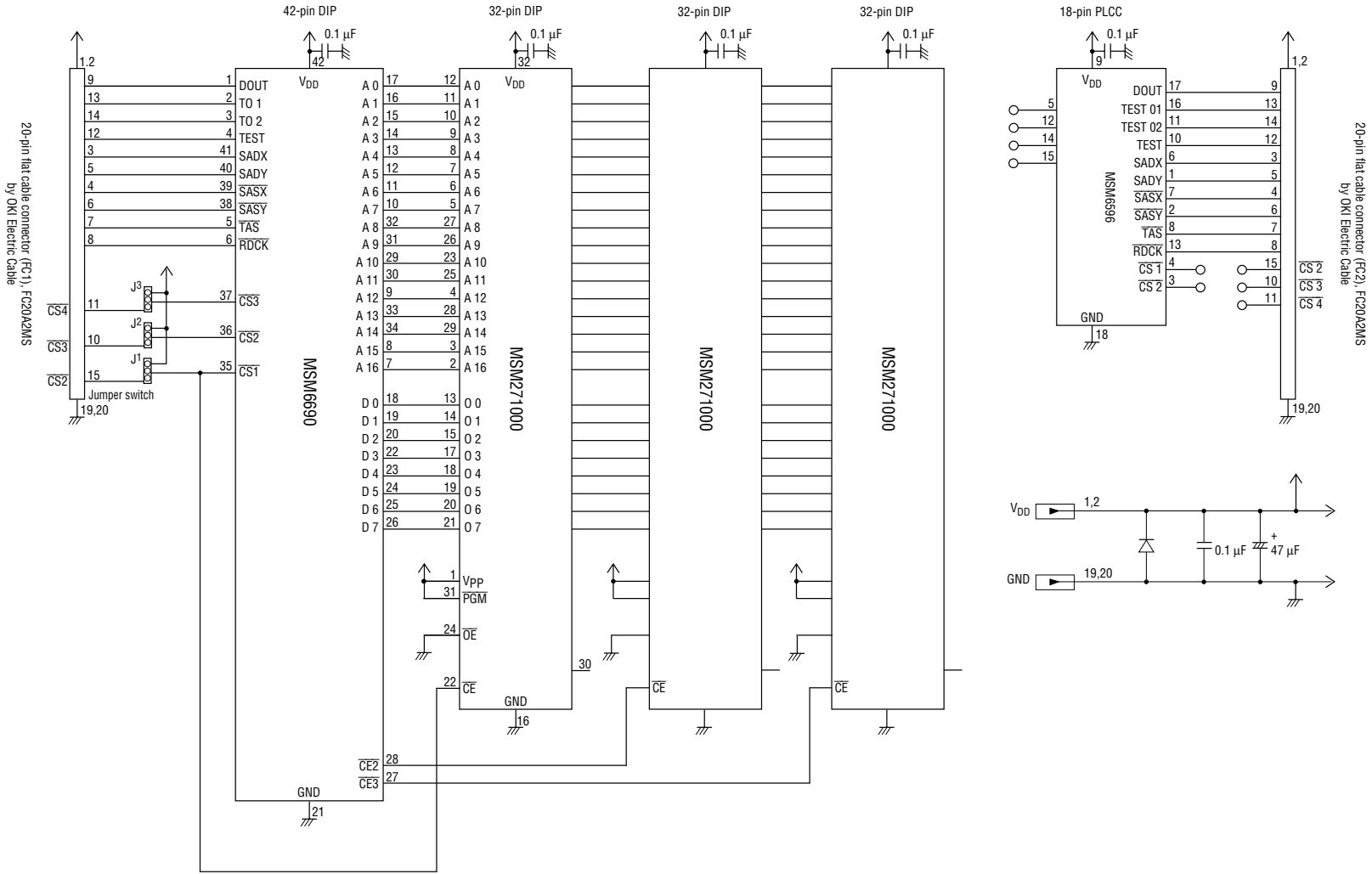
- To play the voice of EPROM, connect the 20-pin flag cable connector FC1 to the connector for the MSM6596 of the MSM6588 demonstration board.
- To play the voice of 18-pin PLCC, connect the 20-pin flat cable connector FC2 to the connector for the MSM6596 of the MSM6588 demonstration board.

<Connecting Diagram>



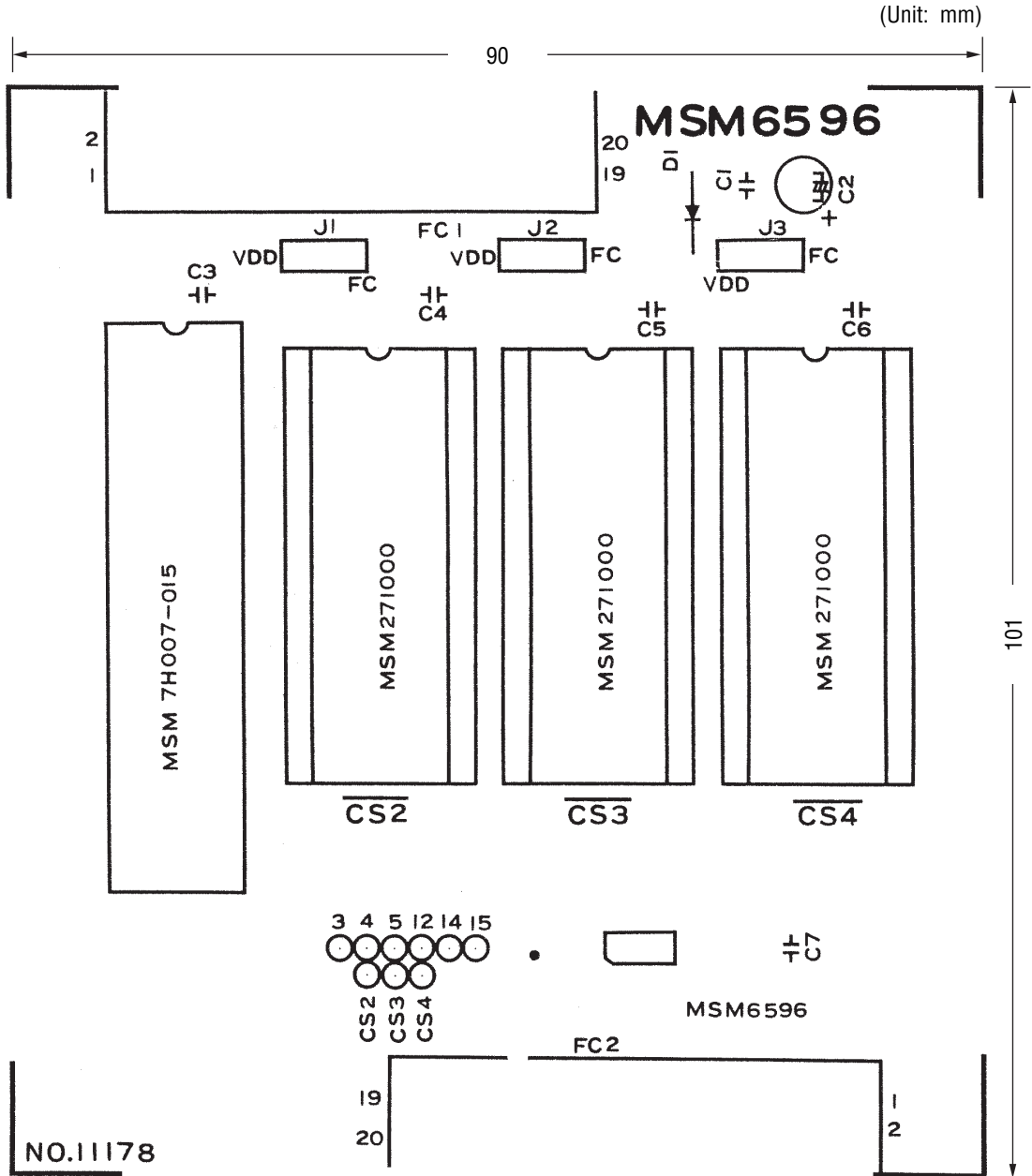
Note: When the serial register is not mounted to IC1 on the MSM6588 CPU board (No. 11176), the circuit does not operate normally. If serial register is mounted to IC2-IC4, the normal operation is not possible either.

CIRCUIT DIAGRAM

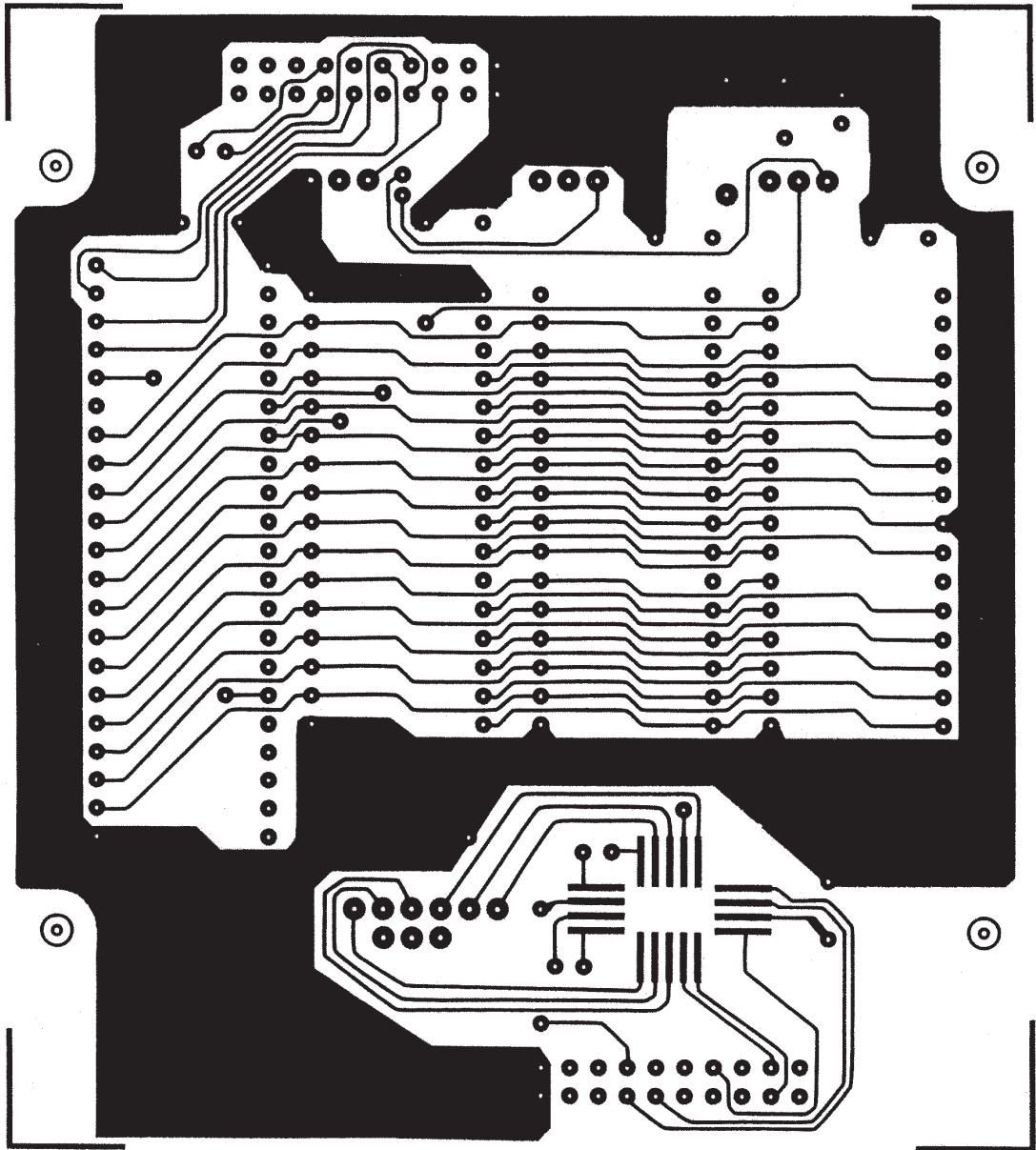


**PATTERN LAYOUT**

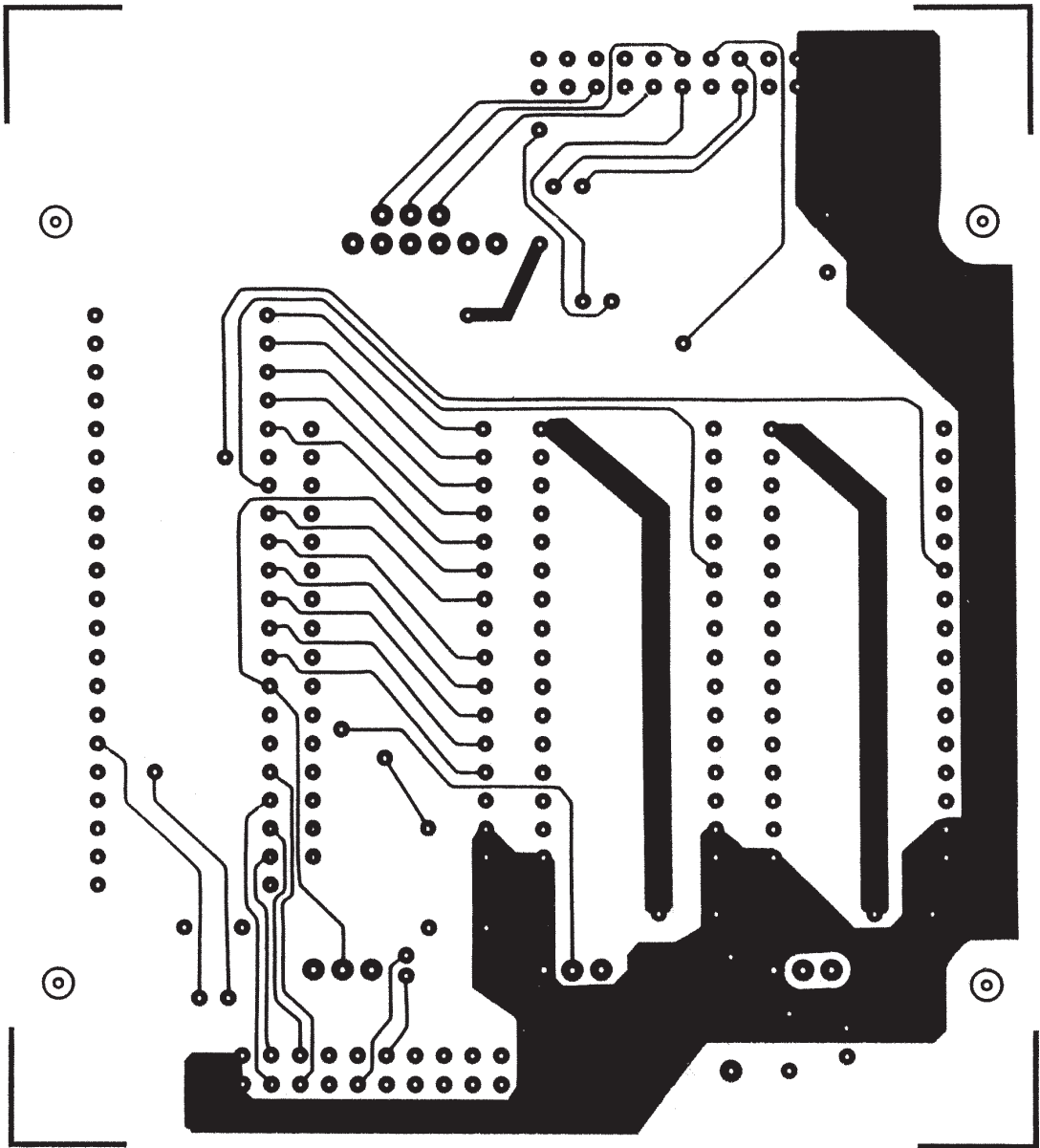
**Silk Screen**



**Mounting Side**



**Solder Side**



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2. The outline of action and examples for application circuits described herein have been chosen as an explanation for the standard action and performance of the product. When planning to use the product, please ensure that the external conditions are reflected in the actual circuit, assembly, and program designs.
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