

Upwards Compatible Design With The LANCAM® A/L Family

Pin Layout

When designing with a member of the MUSIC LANCAM "A" or "L" family it is advisable to use the pin-layout of the largest CAM of this family, the MU9C4480A or MU9C4480L, as shown in Diagram 1. In the design of the MU9C4480A/L some extra pins need to be connected that are no connects (NC) on the smaller family members, as shown in Diagram 2. The differences are also listed in Table 1.

When a board design for the LANCAM A/L is made with the pin layout of the MU9C4480A/L the board can be upgraded from a MU9C3480A/L up to a MU9C4480A/L without making any changes to the board.

TEST1, TEST2 (Test, Input, TTL)

It is important to note, TEST1 and TEST2 pins enable MUSIC production test modes that are not usable in an application. These pins should be connected to ground, either directly or through a pull-down resistor, or the pins may be left unconnected. TEST1 and TEST2 may not be implemented on all versions of this product.

Pin Number	MU9C1480A/L, MU9C2480A/L, MU9C3480A/L, MU9C5480A/L	MU9C4480A/L
6, 10, 17	NC	VCC
7, 18, 28, 29	NC	GND
32	NC	TEST1
12	NC	TEST2

Table 1

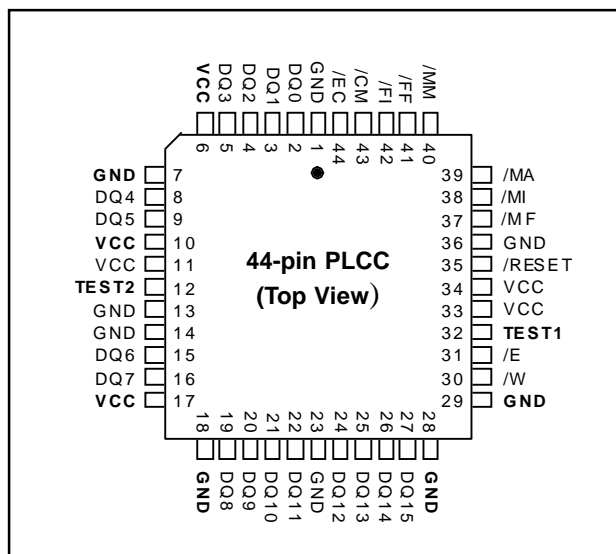


Diagram 1: Pin Layout of the MU9C4480A/L

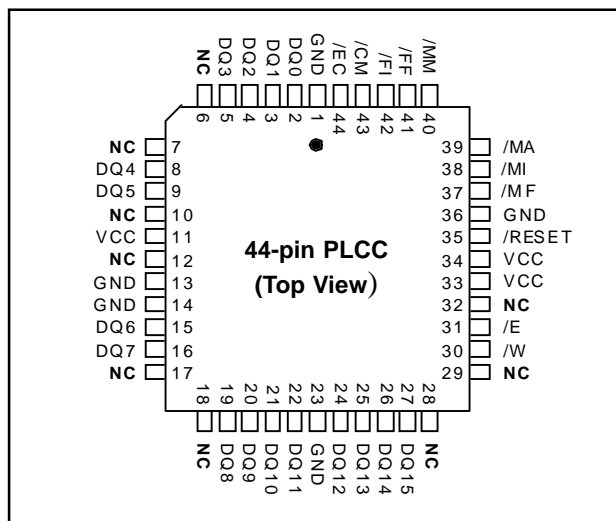


Diagram 2: Pin Layout of the MU9C1480A/L, MU9C2480A/L, MU9C3480A/L, and MU9C5480A/L

NOTES

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