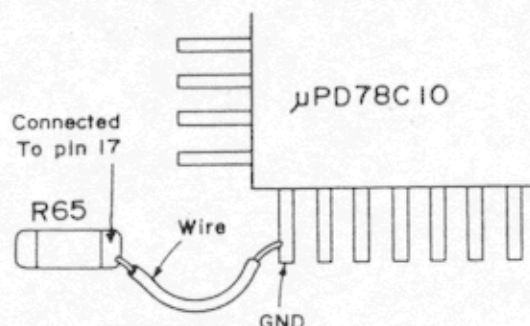


10 TEST MODE

- (1) To start the test program, connect pin 17 of CPU to the ground.



Then turn the power switch on.

- (2) ROM/RAM TEST

If all the LEDs illuminate, ROM (UPD23C256EG) is faulty and, if CPU's built-in RAM is faulty, all the LEDs flashes.

- (3) Switch test

Each switches' contacts are checked by turning on an off of the corresponding LEDs. Set Guitar/MIDI switch on "Guitar/MIDI", Octave switch on "Normal", Chromatic/Program Change switch on "Chromatic", and all the Microswitches on "OFF".

The test should be done by the following order.

Switch	Position	LED		
Guitar/MIDI	Guitar	b	ON	
	Guitar/MIDI	b	OFF	
Octave	Down	#	ON	
	Normal	#	OFF	
	Up	#	ON	
	Normal	#	OFF	
Chromatic/ Program Change	Normal	Prog. Change	ON	
	Chromatic	Prog. Change	OFF	
	Prog. Change	Prog. Change	ON	
	Chromatic	Prog. Change	OFF	
Microswitches * Turn the switch off after each checking.		b	#	Prog. Change
	SW1 ON	ON	OFF	OFF
	SW2 ON	OFF	ON	OFF
	SW3 ON	ON	ON	OFF
	SW4 ON	OFF	OFF	ON
	SW5 ON	ON	OFF	ON
	SW6 ON	OFF	ON	ON
	SW7 ON	ON	ON	ON
	SW8 ON	Flash	OFF	OFF
	SW9 ON	OFF	Flash	OFF