Chip Name: Keyboard // memory map of the physical Keyboard
// outputs the code of the currently
// pressed key.

Output: out[16] // the ASCII code of
// the pressed key, or one of the special
// codes listed in figure 5.6, or 0 it no
// key is pressed

Function: Outputs the code of the key presently
pressed on the physical keyboard.

Comment: This chip is continuously being
refreshed from a physical keyboard unit
(simulators must simulate this service).

Key Pressed	Keyboard Output	Key Pressed	Keyboard Output
newline	128	end	135
backspace	129	page up	136
left arrow	130	page down	137
up arrow	131	insert	138
right arrow	132	delete	139
down arrow	133	esc	140
home	134	f1-f12	141-152