



Notes about User Functions (Also called Logical Outputs)

For these to work you must first do the following:

Enable Remote Base (PW) 63 71 1 *

From this point, when the controller powers up, the state is unknown.

It would be best to do the following

Reset RBI-1 (PW) 39 91 *

Set all outputs high (high is at + 5V on the 4094)
(RBPW) 12 12345678 *

Set all Outputs Low
(RBPW) 11 12345678 *

I am assuming that you are addressing the outputs individually. Putting these in the power on macro would be wise.

Also, since there is no strobe signal, the outputs are always active, meaning that as they change state before they settle, there will be state "flutter".

If you are driving relays, use a 5K to the base of an NPN transistor.

Put a 10 uF cap across the base to filter the flutter out, then drive the relay with the collector.

Now to address the outputs, just send the ones you want changed. An example would be:

(RBPW) 12 1 3 5 * This turns on outputs 1, 3 & 5 (which are pins 11, 13, & 5 on the 4094) By turns on, it means they go to + 5 volts. I thing they can source or sink 25 MA if I remember the specs on the 74C4094 correctly.

Andy

WJ9J

UF Function Recovery
from S-COM 7K

Designed By: WJ9J
Scale: 1:1 Size 8.5" X 11"
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