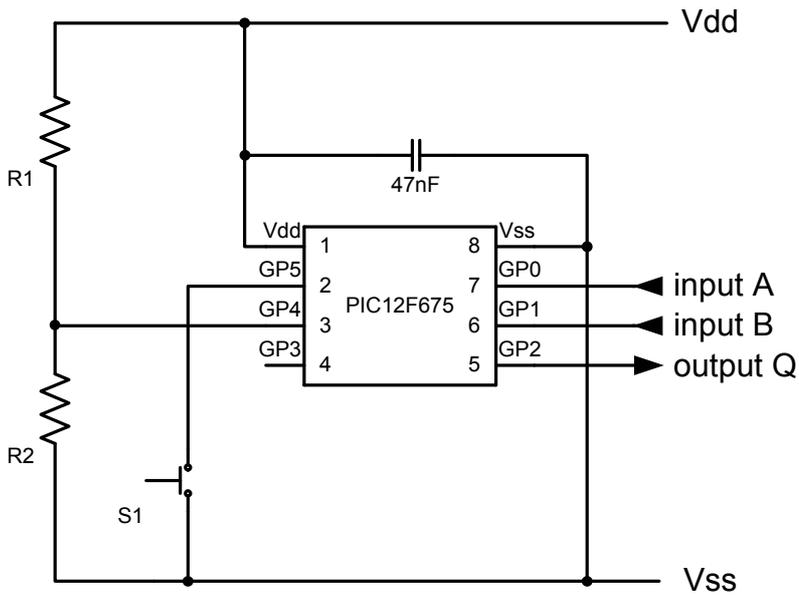


Voltage programmable simple logic element and square wave generator



Operation

- Set resistors R1/R2 to values shown in table for desired function.
- Press and hold 'S1' while powering up the PIC.
- Release S1.
- Function is saved to EEPROM.
- PIC will operate according to selected function.

Or

- Power up with 'S1' released
- PIC will operate according to function previously saved in EEPROM

Resistor values for function selection

Function	R1	R2
AND	o/c	Vss
OR	10K	2K2
XOR	10K	4K7
Sq Wave fast	10K	8K2
NAND	6K8	10K
NOR	4K7	10K
XNOR	2K2	10K
Sq Wave slow	Vdd	o/c

o/c = open circuit

Square wave generator

Input		Output	
A	B	Fast	Slow
0	0	1KHz	2.5Hz
0	1	100Hz	1Hz (1s)
1	0	50Hz	0.5Hz (2s)
1	1	25Hz	0.25Hz (4s)