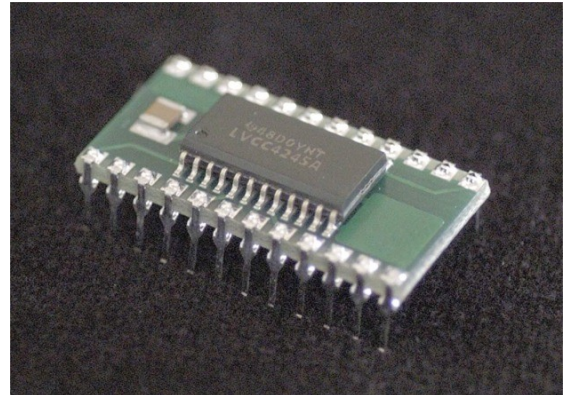


SJJ-EMS1000

Buffer Translator Prototype Solution for 5v/3.3v Interface

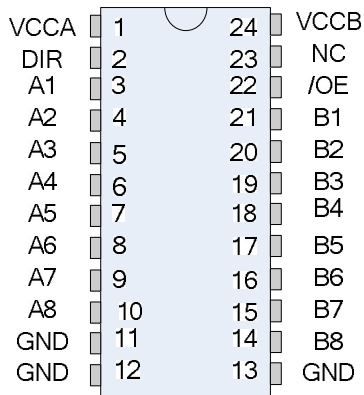
Key Features:

- **74LVCC2425A SMT mounted to a 24 Pin DIP adapter solution**
- **Ideal for prototyping and breadboard**
- **Interface 5V TTL to 3.3V CMOS devices**
- **.1uF Bypass cap on board for 3.3V supply**



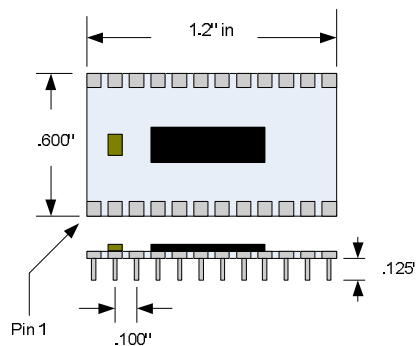
The SJJ-EMS1000 is a 74LVCC2425A Buffer Translator mounted on a 24 Pin DIP adapter solution. Many low power devices that use 3.3V are becoming available. There are still many 8-bit and 16-bit microprocessors that run on 5v TTL. The SJJ-EMS1000 helps to interface between 5VTTL and 3.3V CMOS devices. The module allows hobbyists, students, and OEMs to quickly prototype / breadboard a solution without having to create special proto-boards first.

SN74LVCC2425A
(Top View)



NC - No internal connection

Please see SN74LVCC2425A specification for more information.



Module Pin #	Chip Pin #	Chip Pin Function
1	1 - VCCA	VCCA
2	2	DIR
3	3	A1
4	4	A2
5	5	A3
6	6	A4
7	7	A5
8	8	A6
9	9	A7
10	10	A8
11	11	GND
12- VSS	12- VSS	GND
13	13	GND
14	14	B8
15	15	B7
16	16	B6
17	17	B5
18	18	B4
19	19	B3
20	20	B2
21	21	B1
22	22	/OE
23	23	NC
24-VCC	24-VCCB	VCCB

Note: .1uF Bypass cap required for VCCA supply

Ordering Information

Part Number	Description
SJJ-EMS1000	24-PIN Buffer Translator featuring the SN74LVCC2425A