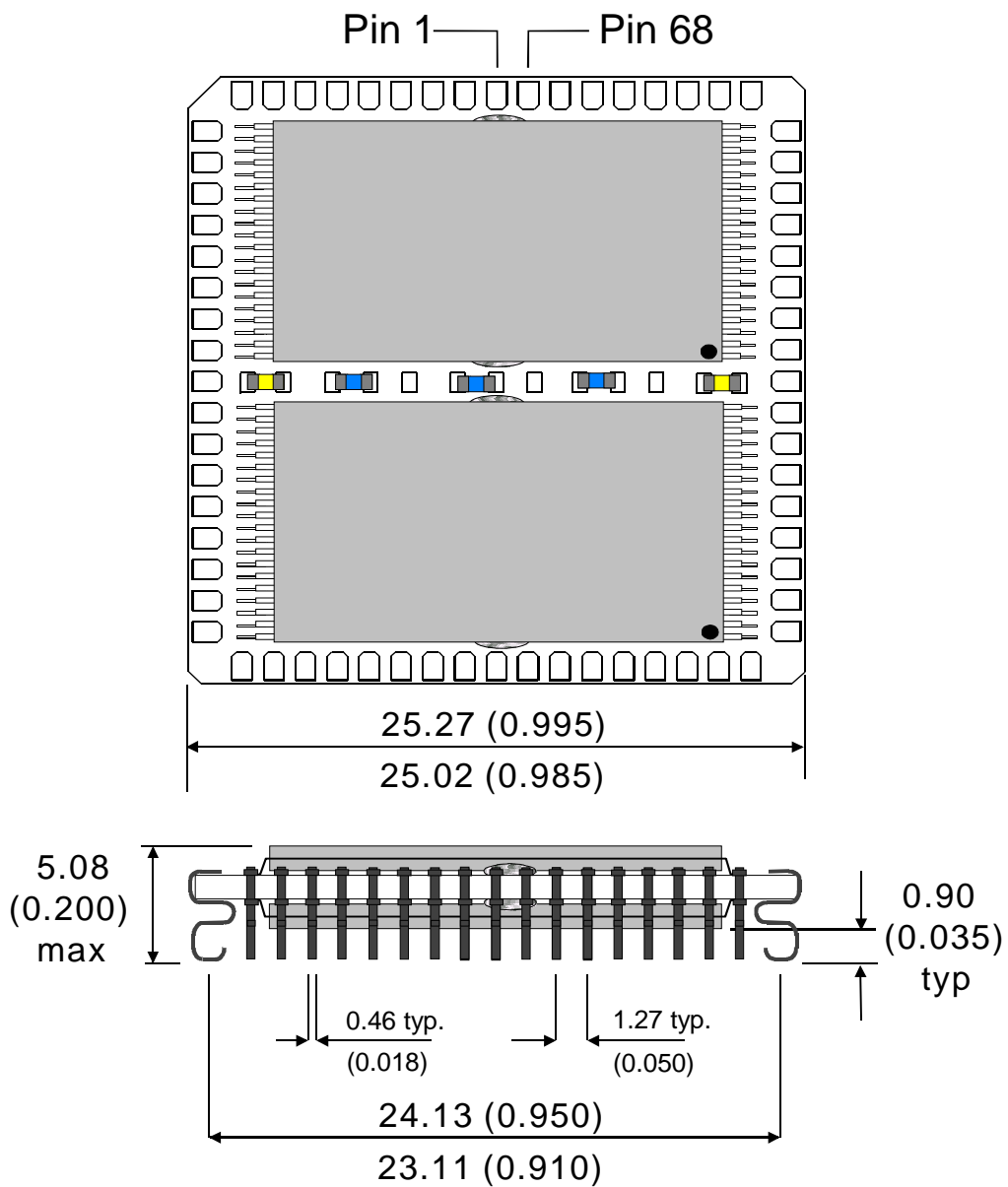




## Pin Definition - PUMA68F32006X

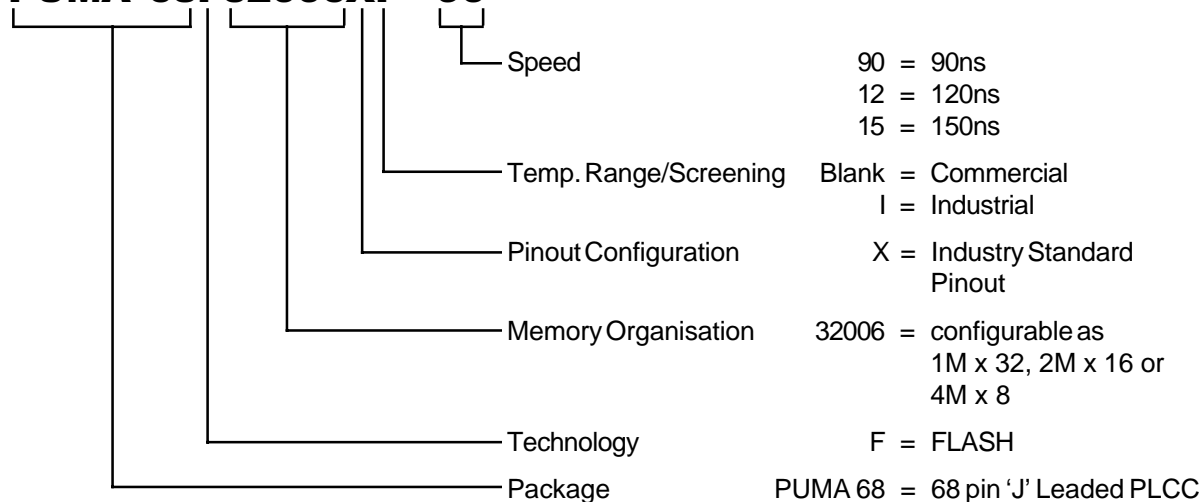
Pin	Signal	Pin	Signal
1	V <sub>CC</sub>	35	V <sub>CC</sub>
2	A19	36	A13
3	/CS1	37	A12
4	/CS2	38	A11
5	/CS3	39	A10
6	/CS4	40	A9
7	A17	41	A8
8	A18	42	A7
9	D16	43	D0
10	D17	44	D1
11	D18	45	D2
12	D19	46	D3
13	V <sub>SS</sub>	47	V <sub>SS</sub>
14	D20	48	D4
15	D21	49	D5
16	D22	50	D6
17	D23	51	D7
18	V <sub>CC</sub>	52	V <sub>CC</sub>
19	D24	53	D8
20	D25	54	D9
21	D26	55	D10
22	D27	56	D11
23	V <sub>SS</sub>	57	V <sub>SS</sub>
24	D28	58	D12
25	D29	59	D13
26	D30	60	D14
27	D31	61	D15
28	A6	62	A14
29	A5	63	A15
30	A4	64	A16
31	A3	65	/WE
32	A2	66	/OE
33	A1	67	NC
34	A0	68	NC

# PUMA 68 pin JEDEC Surface Mounted PLCC



## Ordering Information

### PUMA 68F32006XI - 90



#### Note :

Although this data is believed to be accurate the information contained herein is not intended to and does not create any warranty of merchantability or fitness for a particular purpose.

Our products are subject to a constant process of development. Data may be changed without notice.

Products are not authorised for use as critical components in life support devices without the express written approval of a company director.

## Co Planarity

Specified as +/- 2 thou max.

## Visual Inspection Standard

All devices inspected to ANSI/J-STD-001B Class 2 standard

## Moisture Sensitivity

Devices are **moisture sensitive**.

Shelf Life in Sealed Bag 12 months at <40°C and <90% relative humidity (RH).

After this bag has been opened, devices that will be subjected to infrared reflow, vapour phase reflow, or equivalent processing (peak package body temp 220°C) **must be** :

A : Mounted within 72 Hours at factory conditions of <30°C/60% RH

**OR**

B : Stored at <20% RH

If these conditions are not met or indicator card is >20% when read at 23°C +/-5% devices **require baking** as specified below.

If baking is required, devices may be baked for :-

A : 24 hours at 125°C +/-5% for high temperature device containers

**OR**

B : 192 hours at 40°C +5°C/-0°C and <5% RH for low temperature device containers.

## Packaging Standard

Devices packaged in dry nitrogen, JED-STD-020.

Packaged in trays as standard.

Tape and reel available for shipment quantities exceeding 200pcs upon request.

## Soldering Recommendations

IR/Convection -	Ramp Rate	6°C/sec max.
	Temp. exceeding 183°C	150 secs. max.
	Peak Temperature	225°C
	Time within 5°C of peak	20 secs max.
	Ramp down	6°C/sec max.
Vapour Phase -	Ramp up rate	6°C/sec max.
	Peak Temperature	215 - 219°C
	Time within 5°C of peak	60 secs max.
	Ramp down	6°C/sec max.

The above conditions must not be exceeded.

*Note : The above recommendations are based on standard industry practice. Failure to comply with the above recommendations invalidates product warranty.*