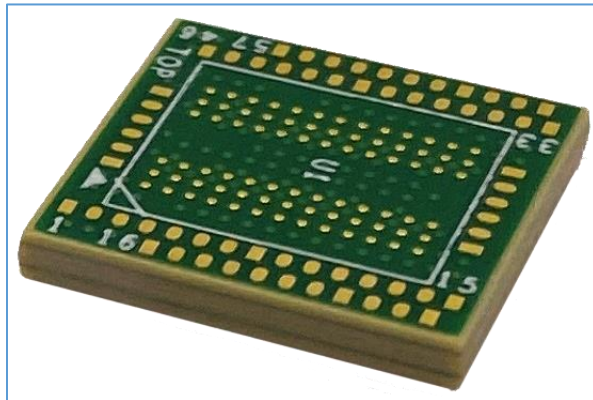


# DDR4 Interposers

DDR4 78 Ball XH Series Direct Attach Interposers



## Key Features

- DDR4
- XH Series Universal Probe Interposer
- 78-Ball
- x4/x8
- High Fidelity
- Enables Oscilloscope Probing

## Applications

- DDR4
  - Memory validation and debug
  - Monitoring bus traffic
  - Bus traffic measurement
  - Analog insight

## Simulation & De-Embedding

S-Parameters are included for target simulation and the creation of de-embedding filters for use with an oscilloscope.

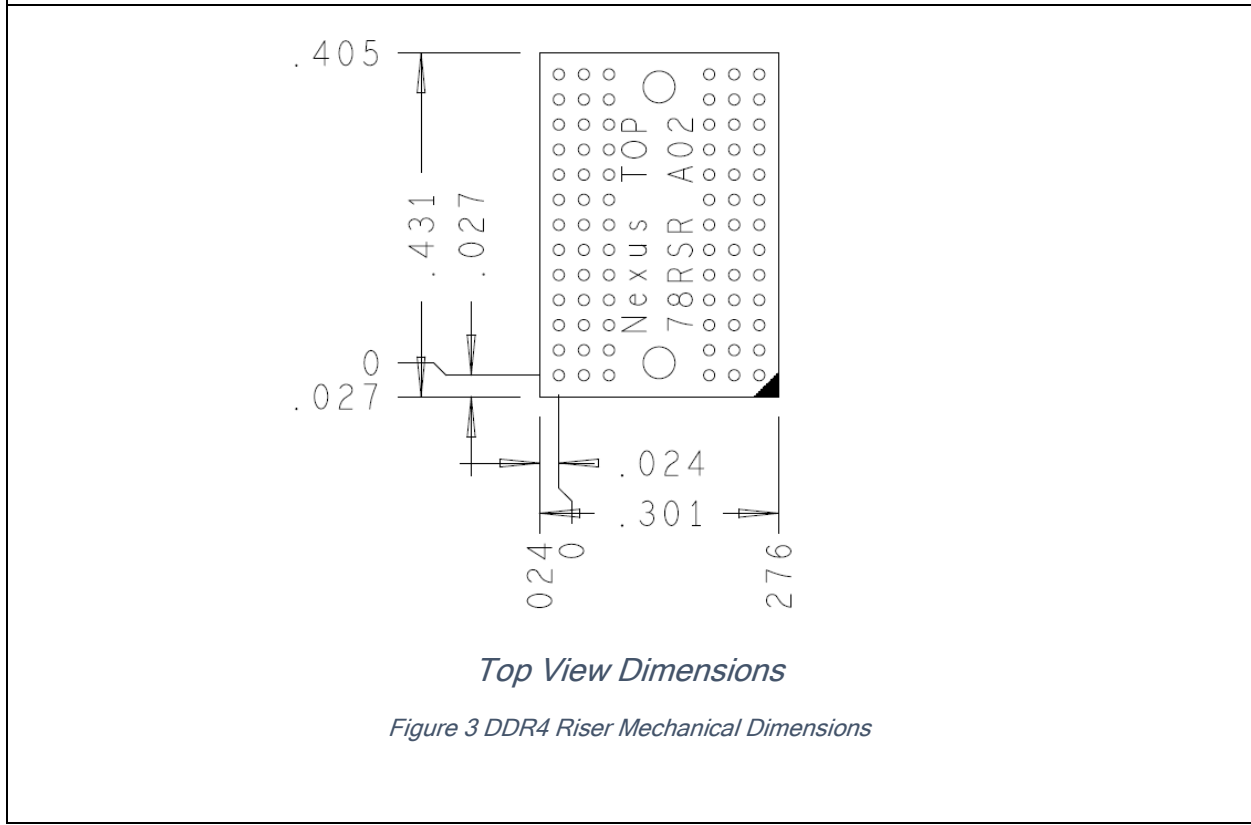
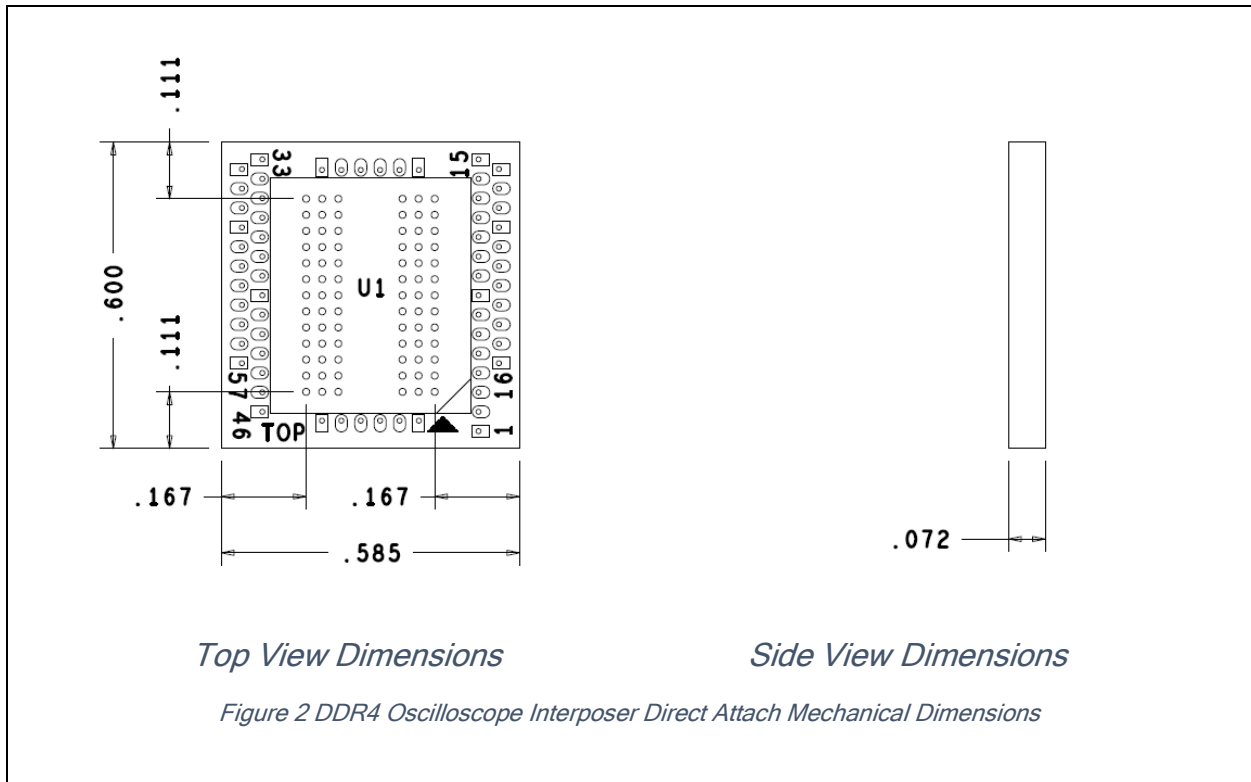
## Attachment Service

Nexus Technology's expert attachment service provides a ready-to-go test solution customized to your application. We will attach the interposer and any additional accessories to your application's target. We can also power-on and test your target to confirm functionality. Please contact us for more information.



*Figure 1 - Direct Attach interposer installed under a memory component*

## Mechanical Outline



Note: All measurements listed are in inches

## Probe Point Signal List

TEST Point	Signal	TEST Point	Signal	TEST Point	Signal	TEST Point	Signal
1	GROUND	17	DQ4	33	GROUND	49	A5
2	DQS/	18	C2_ODT1	34	A17	50	GROUND
3	DQS	19	C0_CKE1	35	A9	51	BA1
4	DQ2	20	WE/_A14	36	A1	52	BG1
5	DQ6	21	BG0	37	A3	53	RAS/_A16
6	ODT	22	BA0	38	A12_BC/	54	C1_CS1/
7	CKE	23	GROUND	39	CAS/_A15	55	DQ7
8	GROUND	24	RESET/	40	GROUND	56	DQ5
9	ACT/	25	A8	41	CS/	57	GROUND
10	A10_AP	26	GROUND	42	CK/	58	GROUND
11	A4	27	GROUND	43	CK	59	ZQ
12	A0	28	A11	44	DQ1	60	DQ3
13	A2	29	A6	45	DM_TQS	61	DQ0
14	PARITY	30	ALERT/	46	GROUND	62	TDQS/
15	GROUND	31	A13	47	GROUND	63	GROUND
16	GROUND	32	GROUND	48	A7		

## Product Configuration Table

Nomenclature	Quantity	Solderballs added
NEX-DDR4MCI78XHSCDS	2	Yes

## Available Accessories

	Desc.	Quantity	Nomenclature
Riser	DDR4 78-Ball Riser elevates interposer 0.050"	1	NEX-RSRDDR478 <sup>1</sup>
Memory Socket	Memory component socket	1	NEX-SOCKETDDR478

<sup>1</sup> P/N NEX-RSRDDR478 includes solderballs.

## Attachment Service Options

Attachment Service Level	
Attachment Service	Contact us for more information

## Contact Information

For more information, please contact us by telephone, email or mail as listed below. Normal business hours are 9:00 - 5:00 EDT/EST.

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