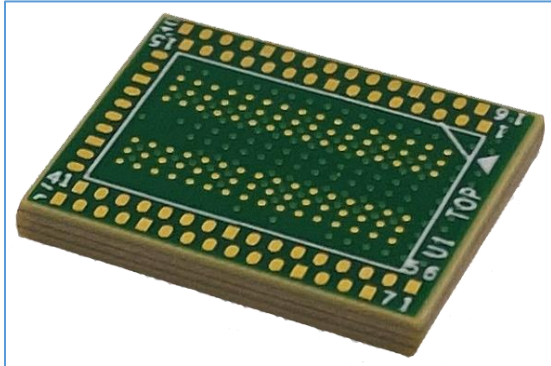


DDR4 Interposers

DDR4 96 Ball XH Series Direct Attach Interposers



Key Features

- DDR4
- XH Series Universal Probe Interposer
- 96-Ball
- x16
- 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.

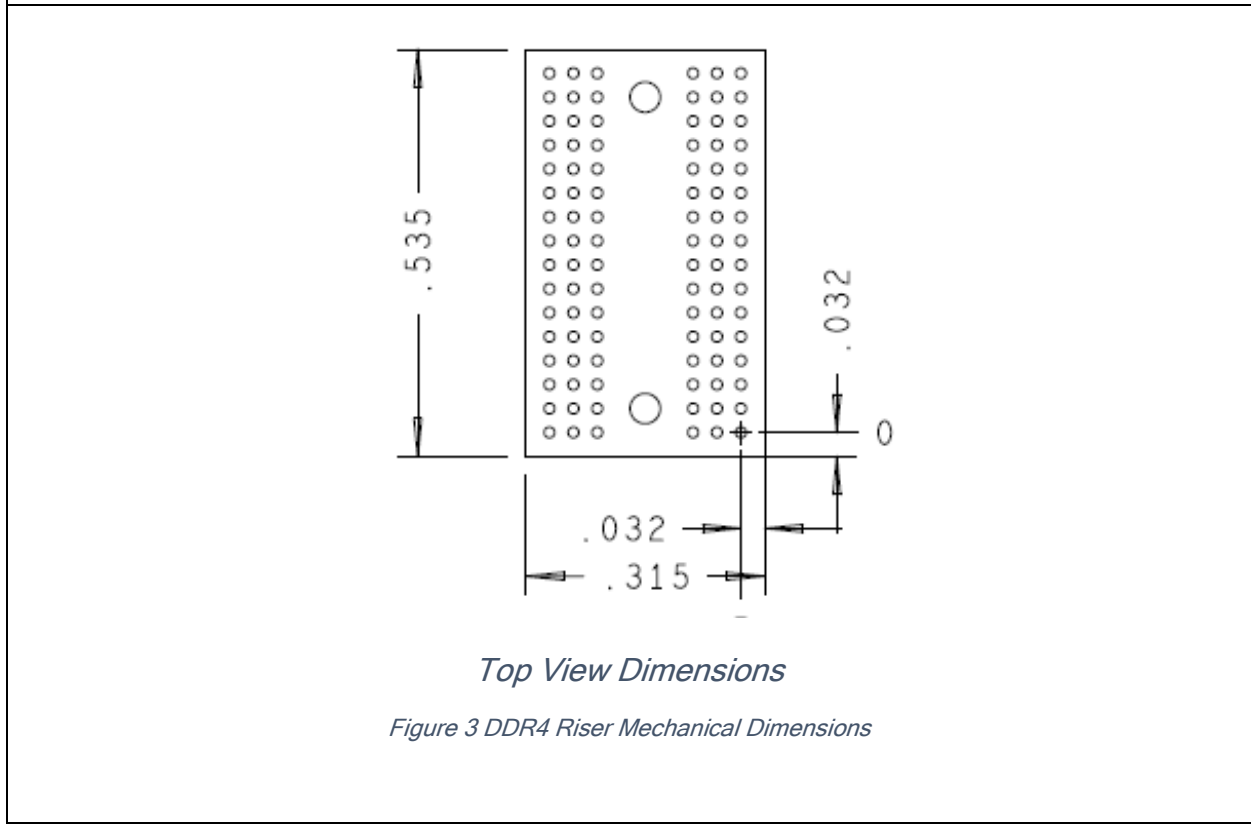
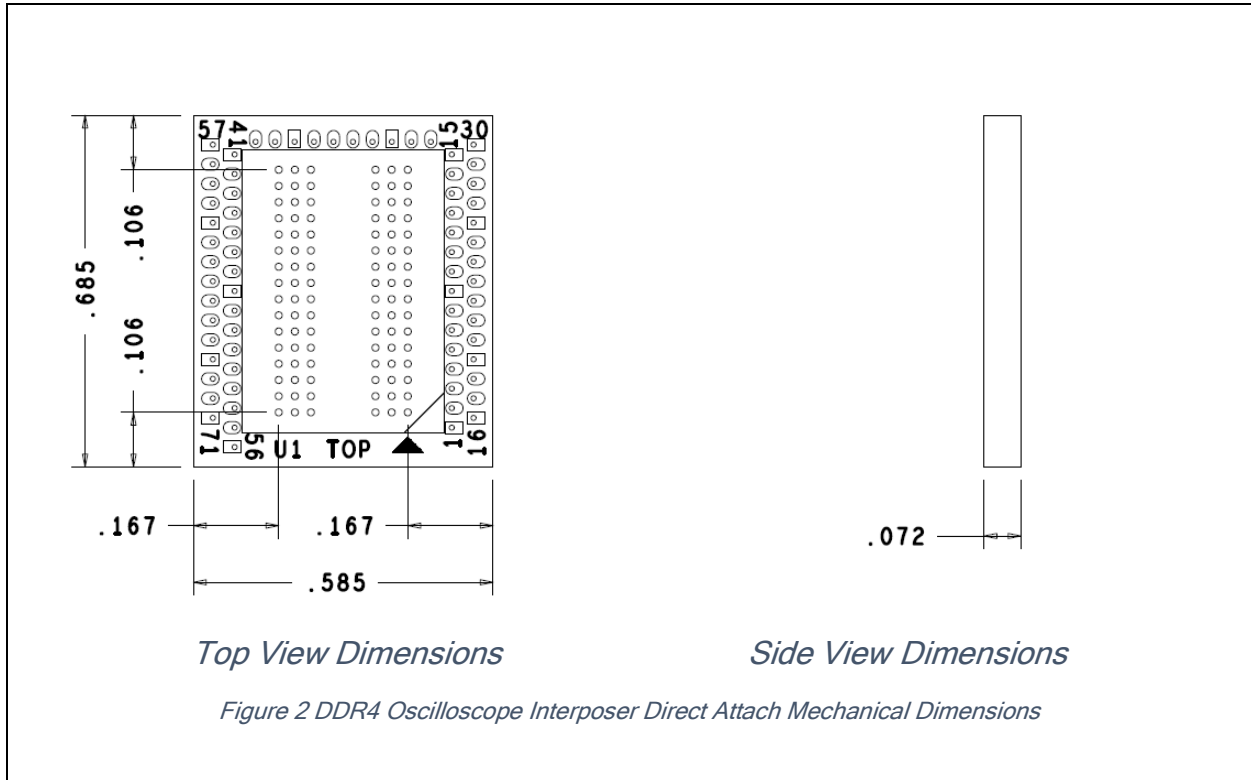
Attachment Service

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	19	GROUND	37	A7	55	UDQS/
2	DQ8	20	DQ0	38	GROUND	56	GROUND
3	DQ10	21	DQ4	39	A9	57	GROUND
4	DQ14	22	CKE	40	A13	58	ALERT/
5	DQS/	23	A14_WE/	41	GROUND	59	TEN
6	DQS	24	BG0	42	A1	60	A15_CAS/
7	DQ2	25	BA0	43	A3	61	GROUND
8	GROUND	26	GROUND	44	A12	62	BG1
9	DQ6	27	RESET/	45	CS/	63	A16_RAS/
10	ODT	28	A8	46	CK/	64	DQ7
11	ACT/	29	A11	47	CK	65	DQ3
12	A10	30	GROUND	48	GROUND	66	ZQ
13	A4	31	A2	49	DQ5	67	UZQ
14	A0	32	PARITY	50	DQ1	68	GROUND
15	GROUND	33	GROUND	51	LDM/_LDBI/	69	DQ13
16	GROUND	34	A6	52	DQ15	70	DQ9
17	DQ12	35	BA1	53	DQ11	71	GROUND
18	UDM/_DBI/	36	A5	54	UDQS		

Product Configuration Table

Nomenclature	Quantity	Solderballs added
NEX-DDR4MCI96XHSCDS	2	Yes

Available Accessories

	Desc.	Quantity	Nomenclature
Riser	DDR4 96-Ball Riser elevates interposer 0.050"	1	NEX-RSRDDR496 ¹
Memory Socket	Memory component socket	1	NEX-SOCKETDDR496

¹ P/N NEX-RSRDDR496 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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