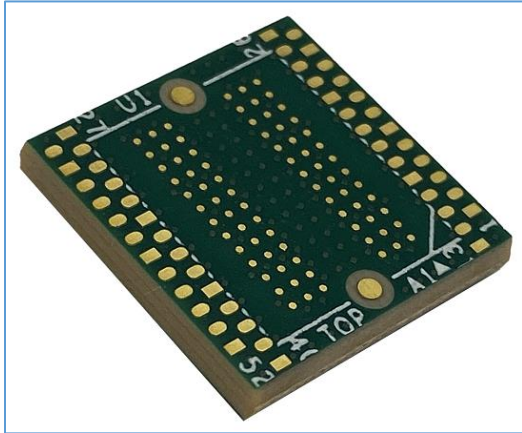


DDR5 Interposers

DDR5 78/82 Ball XH Series Direct Attach Interposers



Key Features

- DDR5
- XH Series Universal Probe Interposer
- 78-Ball and 82-Ball components
- x4/x8
- High Fidelity
- Enables Oscilloscope Probing

Applications

- DDR5
 - 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.

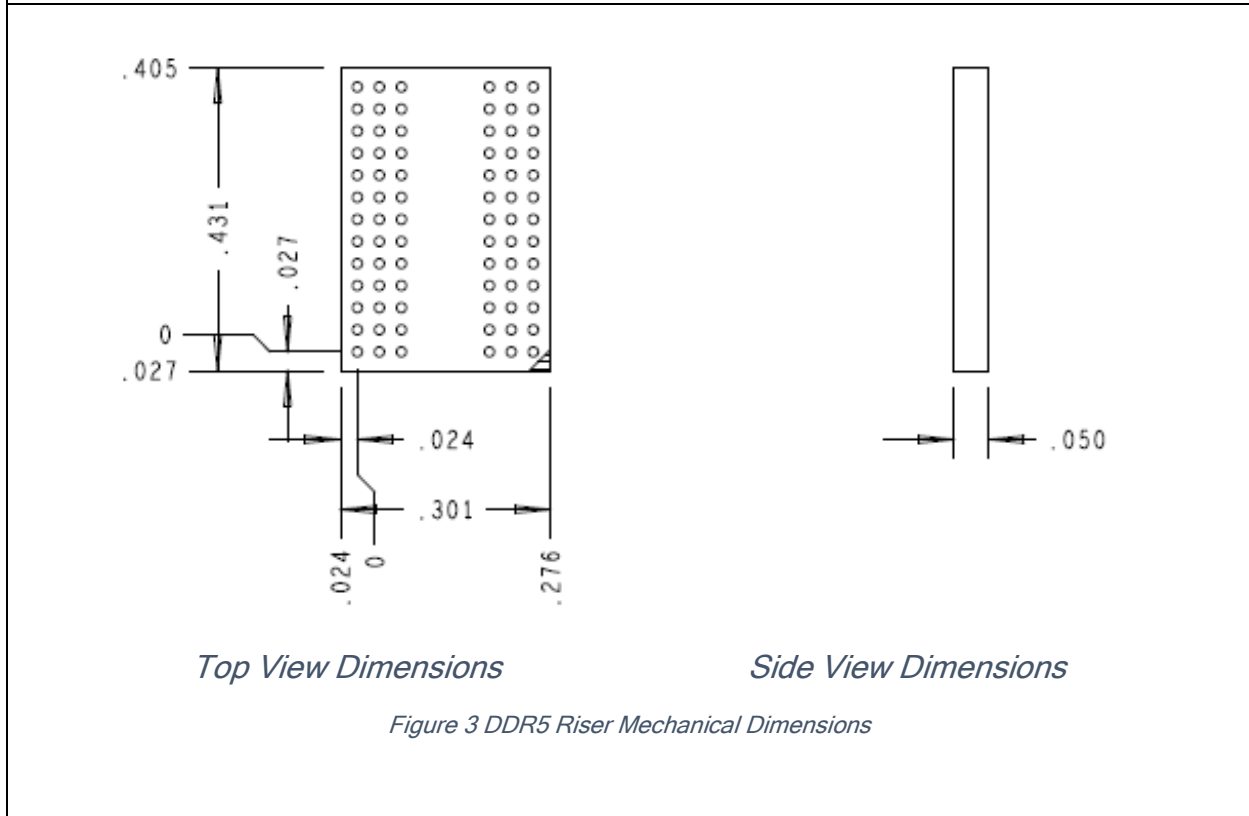
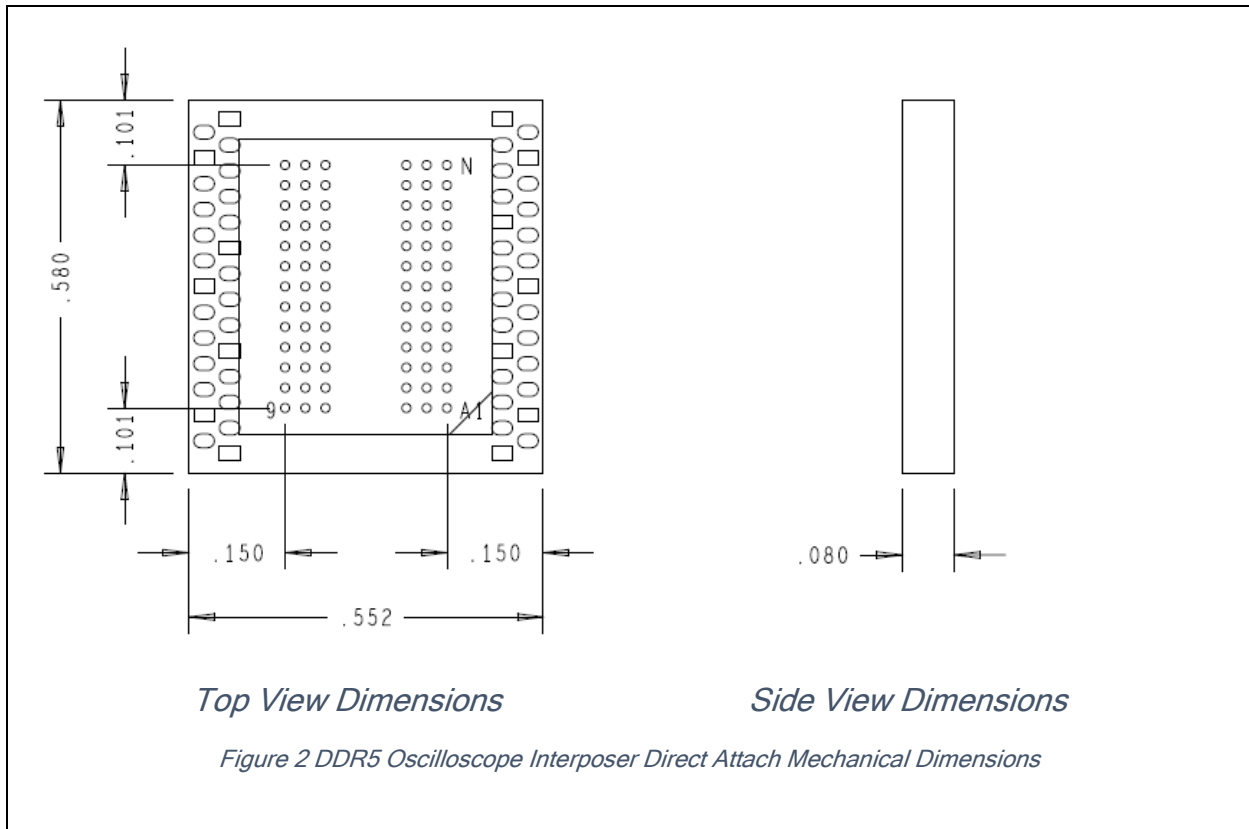
Attachment Service

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
1	GND	19	CA_ODT	37	TDQS_c
2	LBDQ	20	CS_n	38	DM_n/TDQS_t
3	DQ0	21	CA0	39	DQ3
4	DQ4	22	GND	40	GND
5	MIR	23	CA2	41	CA13
6	GND	24	CA8	42	GND
7	ALERT_n	25	CA10	43	RESET_n
8	CA4	26	GND	44	CA7
9	CA6	27	GND	45	CA5
10	CAI	28	CA11	46	TEN
11	GND	29	CA9	47	GND
12	CA12	30	CA3	48	DQ5
13	GND	31	CA1	49	DQ1
14	DQ2	32	GND	50	ZQ
15	DQS_t	33	CK_C	51	LBDQS
16	DQS_c	34	CK_t	52	GND
17	GND	35	DQ7		
18	DQ6	36	GND		

Probe Point Locations

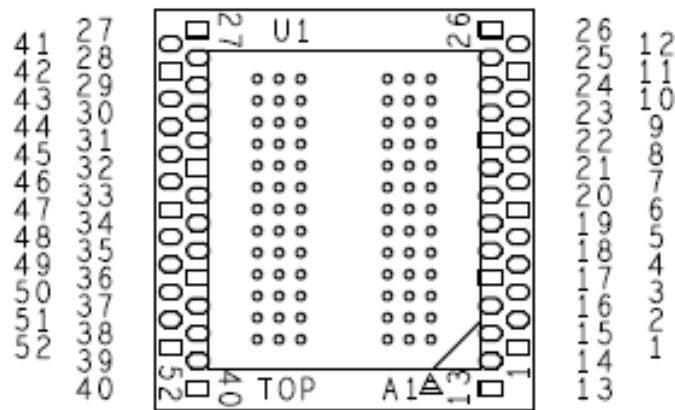


Figure 4 DDR5 Oscilloscope Interposer Direct Attach Probe Point Locations

Product Configuration Table

Nomenclature	Solderballs added
NEX-DDR5MCI78XHSCDS	Yes

Available Accessories

	Desc.	Nomenclature
Riser	DDR5 78-Ball/82-Ball Riser elevates interposer 0.050"	NEX-RSRDDR578 ¹
Memory Socket	Memory component socket	NEX-SOCKETDDR578

¹ P/N NEX-RSRDDR578 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.

Web	www.nexustechnology.com
Telephone	877.595.8116
International	603.329.3083
Fax	877.595.8118
Address	78 Northeastern Blvd. Unit 2 Nashua, NH 03062
Email	support@nexustechnology.com