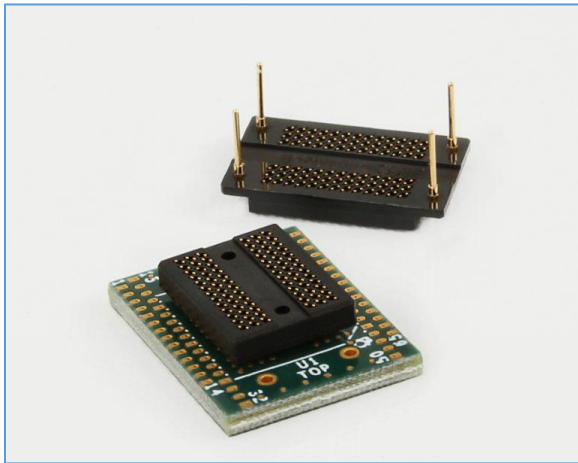


DDR4 Interposers

DDR4 96 Ball XH Series Socketed Interposer



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

Software

Oscilloscope de-embedding software filters/removes interposer effects. Please contact Nexus for the appropriate de-embedding software for your interposer.

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 application to confirm functionality. Please contact us for more information.



Mechanical Outline

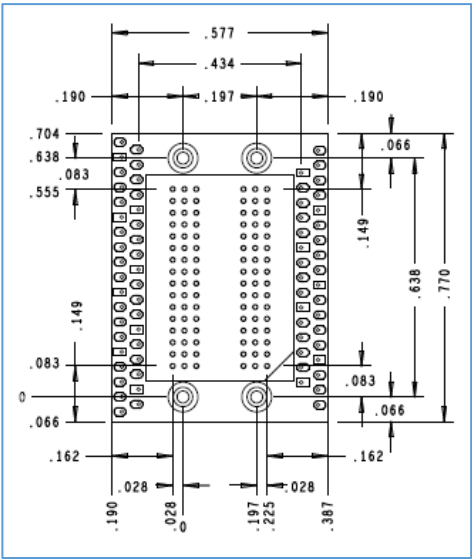


Figure 1 Interposer Mechanical

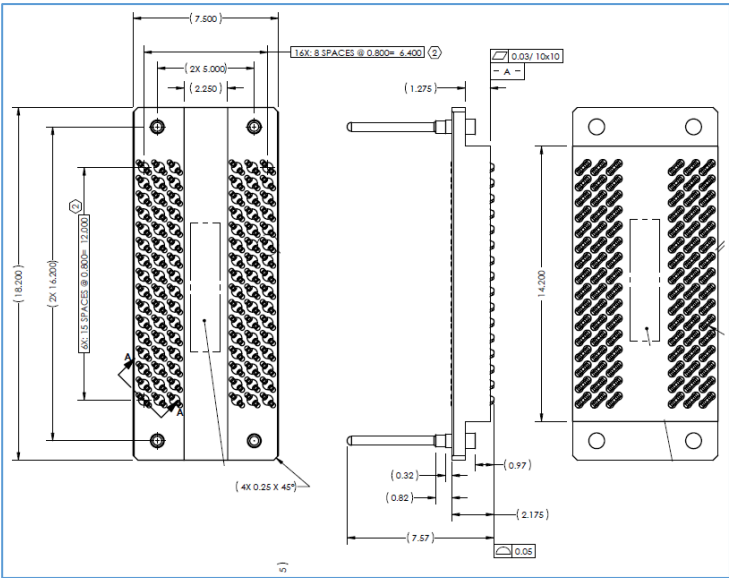
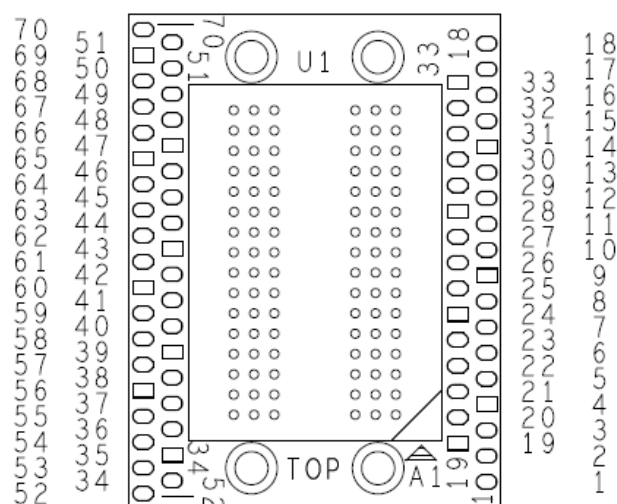


Figure 2 Interposer Socket Mechanical

Probe Point Signal List

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

Probe Point Locations



Product Configuration Table

Nomenclature	Memory Socket
NEX-DDR4MP96XHBSC	No
NEX-DDR4MP96XHBSCSK	Yes

Available Accessories

Type	Desc.	Quantity	Nomenclature
Riser	Riser elevates interposer 0.50"	1	NEX-RSRDDR496
Memory Socket	Memory socket	1	NEX-SOCKETDDR496
Interposer Socket	Patented interposer socket	1	NEX-DDR496BGASKBA
Interposer Socket	Patented interposer socket	3	NEX-DDR496BGASKBA-3
Solder Balls	Install solder balls on interposer	1	NEX-OPT-SOLDERBALLS-DA
Solder Balls	Install solder balls on riser	1	NEX-OPT-SOLDERBALLS-RSR
Solder Balls	Install solder balls on socket	1	NEX-OPT-SOLDERBALLS-SK

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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