

64-bit Data Bus With 8-bit (BYTE) Granularity

Address Range		Active Portion of Data Bus							
ADR_I		DAT_I	DAT_I	DAT_I	DAT_I	DAT_I	DAT_I	DAT_I	DAT_I
ADR_O		DAT_O	DAT_O	DAT_O	DAT_O	DAT_O	DAT_O	DAT_O	DAT_O
(63..03)		(63..56)	(55..48)	(47..40)	(39..32)	(31..24)	(23..16)	(15..08)	(07..00)
Active Select Line		SEL_I (7) SEL_O (7)	SEL_I (6) SEL_O (6)	SEL_I (5) SEL_O (5)	SEL_I (4) SEL_O (4)	SEL_I (3) SEL_O (3)	SEL_I (2) SEL_O (2)	SEL_I (1) SEL_O (1)	SEL_I (0) SEL_O (0)
Ordering	Big Endian	BYTE (0)	BYTE (1)	BYTE (2)	BYTE (3)	BYTE (4)	BYTE (5)	BYTE (6)	BYTE (7)
	Little Endian	BYTE (7)	BYTE (6)	BYTE (5)	BYTE (4)	BYTE (3)	BYTE (2)	BYTE (1)	BYTE (0)

64-bit Data Bus With 16-bit (WORD) Granularity

Address Range		Active Portion of Data Bus			
ADR_I		DAT_I		DAT_I	
ADR_O		DAT_O		DAT_O	
(63..02)		(63..48)		(31..16)	
(15..08)					
Active Select Line		SEL_I (3) SEL_O (3)		SEL_I (2) SEL_O (2)	
Ordering	Big Endian	WORD (0)		WORD (1)	
	Little Endian	WORD (3)		WORD (2)	

64-bit Data Bus With 32-bit (DWORD) Granularity

Address Range		Active Portion of Data Bus	
ADR_I		DAT_I	DAT_I
ADR_O		DAT_O	DAT_O
(63..01)		(63..32)	(31..00)
Active Select Line		SEL_I (1) SEL_O (1)	SEL_I (0) SEL_O (0)
Ordering	Big Endian	DWORD (0)	DWORD (1)
	Little Endian	DWORD (1)	DWORD (0)

64-bit Data Bus With 64-bit (QWORD) Granularity

Address Range		Active Portion of Data Bus	
ADR_I		DAT_I	DAT_I
ADR_O		DAT_O	DAT_O
(63..01)		(63..00)	
Active Select Line		SEL_I (0) SEL_O (0)	
Ordering	Big Endian	QWORD (0)	
	Little Endian	QWORD (0)	