

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

Address Range		Active Portion of Data Bus	
ADR_I ADR_O (63..01)		DAT_I	DAT_I
		DAT_O	DAT_O
		(15..08)	(07..00)
Active Select Line		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 (1)	BYTE (0)
		BYTE (3)	BYTE (2)
		BYTE (5)	BYTE (4)
		BYTE (7)	BYTE (6)

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

Address Range		Active Portion of Data Bus	
ADR_I ADR_O (63..00)		DAT_I	
		DAT_O	
		(15..00)	
Active Select Line		SEL_I (0) SEL_O (0)	
Ordering	Big Endian	WORD (0)	
		WORD (1)	
		WORD (2)	
		WORD (3)	
	Little Endian	WORD (0)	
		WORD (1)	
		WORD (2)	
		WORD (3)	