

**3.3V / 5V ECL 4:1  
Differential Multiplexer  
MC10EP57, MC100EP57**

Description

appe,5 10 0 079n325758724 5-1467 S 1 Tf 709.688 re W BB01 757 is a fu2600 1000 I -126ET

# MC10EP57, MC100EP57

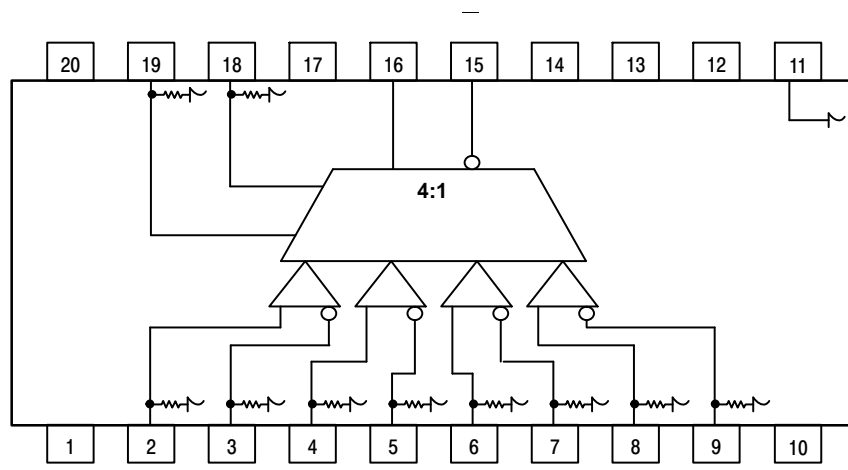
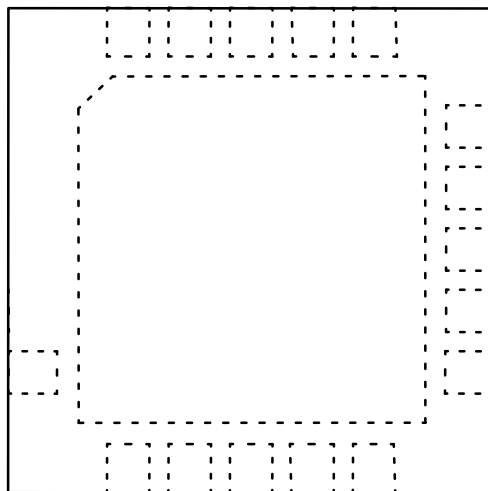


Figure 1. 20-Lead Package and Logic Diagram



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Table 3. ATTRIBUTES

Characteristics	Value	
	Ω	
		-
-		
	-	

Table 4. MAXIMUM RATINGS

Symbol	Parameter	Condition 1	Condition 2	Rating	Unit
				-	
			≧	-	
			≦	-	
				-	
				-	
θ	--		-		
θ	--		-		
θ	--		-		
θ	--		-		
	-				

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**Table 5. 10EP DC CHARACTERISTICS, PECL**

Symbol	Characteristic	-40 C			25 C			85 C			Unit
		Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	

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Table 7. 10EP DC CHARACTERISTICS, NECL

Symbol	Characteristic	-40 C			25 C			85 C			Unit
		Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	
		-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	

# MC10EP57, MC100EP57

**Table 9. 100EP DC CHARACTERISTICS, PECL**

Symbol	Characteristic	-40 C			25 C			85 C			Unit
		Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	
	-										

Table 11. AC CHARACTERISTICS

- -

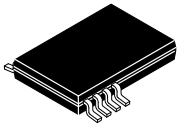
Figure 3. Typical Termination for Output Driver and Device Evaluation



## MC10EP57, MC100EP57

### Resource Reference of Application Notes

AN1405/D –  
AN1406/D –  
AN1503/D – <sup>TM</sup>  
AN1504/D –  
AN1568/D –



SCALE 2:1

**TSSOP-20 WB**  
CASE 948E  
ISSUE D

DATE 17 FEB 2016

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