



**BIGGER
ISN'T
ALWAYS
BETTER...**



WHAT IS MINI LOGIC ?



The **SMALLEST**
building block designed
for your exact needs in
5-, 6-, 8-, or 10-pin
packages



Single Gate



Dual Gate



Triple Gate

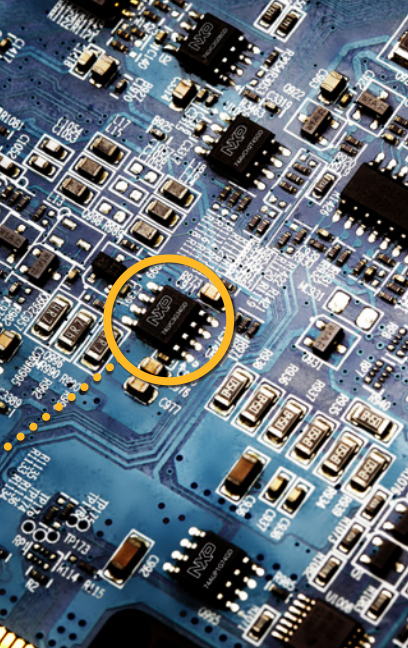
WHY MINI LOGIC ?



Today's increasingly complex and dense circuit boards require glue logic and voltage translation solutions tuned to the exact specifications of the application.

The solution?
MINI LOGIC
from NXP





MINI LOGIC PACKAGES



Focus Mini Logic packages

Pin count	Leaded (L x W x H x Pitch mm)	
5-pin	GW (SOT353) 2.0 x 1.3 x 1.1 x 0.65	
6-pin	GW (SOT363) 2.0 x 1.3 x 1.1 x 0.65	
8-pin	DC (SOT765) 2.0 x 2.3 x 1.0 x 0.5	
10-pin	DP (SOT552) 3.0 x 3.0 x 1.1 x 0.5	

	Leadless (L x W x H x Pitch mm)	
	GX (SOT1226) 0.8 x 0.8 x 0.35 x 0.5	
	NEW! GX (SOT1255) 0.8 x 1.0 x 0.35 x 0.4	
	GT (SOT833) 1.0 x 1.95 x 0.5 x 0.5	
	GU (SOT1160) 1.4 x 1.8 x 0.5 x 0.4	

MINI LOGIC PORTFOLIO





WHY CHOOSE NXP?

QUALITY

CAPACITY

BROADEST PORTFOLIO

Function		Gates, buffers,		
Voltage level	Logic family	Buffers/inverters	Schmitt Trigger buffers/ inverters	
High voltage	CBT			
	HC(T)	•	•	
	AHC(T)	•	•	
	XC7	•	•	
Low voltage	CBTLV			
	LVC	•	•	
	AVC(M)			
	AUP	•	•	
	AXP	•	•	

inverters		Voltage translation	Switches & mult	
Gates	Schmitt Trigger gates	Level shifters/translators	Switches	Decoders/demultiplexers
			•	
•			•	
•			•	
•				
			•	
•	•	•	•	•
		•		
•	•	•		•
•	•	•		

Multiplexers		Clocking elements			
Digital multiplexer		Flip Flops	Latches/registered drivers	Counters/frequency dividers	Multivibrators (one-shot)
				•	
		•			
		•	•		•
		•	•		



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Printed in USA