Technology Functions Table

TEXAS INSTRUMENTS

Families	Functions																Special Features						Process		
	Buffers/Line Drivers	Transceivers	Gates	Combination Logic	Configurable Logic	Shift Registers	Flip-Flops	Analog Switches	Encoders/Multiplexers	Decoders/Demultiplexers	Bus Switches	Schmitt Triggers	Phase Lock Loops	Comparators/Parity Gen.	Counters	Level Shifters/Translators	Bushold	Series Damping Resistors	Live Insertion	Overvoltage-Tolerant Inputs	Power-off Output Disable	Power-up Reset	Bipolar	CMOS	BiCMOS
1.8-Volt Logic																									
AUC	x	x	x				x	x	x	x		x				x	x			x	x			x	
AUP	x		x		x		x					x				x					x			x	
3.3-Volt Logic																									
ALVC	x	x	x				x					x				x	x	x						x	
AVC	x	x					x									x	x	x		x	x			x	
LV-A	x	x	x			x	x	x	x	x		x	x		x					x	x			x	
LV-AT	x	x					x		x	x														x	
LVC	x	x	x	x	x		x	x	x	x						x	x	x		x	x	x		x	
ALB	x	x																							x
ALVT	x	x					x										x	x			x	x			x
LVT	x	x					x										x	x			x	x			x
CB3Q									x	x	x														
CB3T									x	x															
CBTLV								x	x	x	x								x		x				
GTL		x															x				x				
GTLP		x																	x		x	x			
TS								x	x	x															
TVC									x	x															
VME		x															x		x		x	x			
5-Volt Logic																									
AC	x	x	x			x	x		x	x					x									x	
ACT	x	x	x			x	x		x	x			x	x	x		x							x	
AHC	x	x	x			x	x	x	x	x		x								x				x	
AHCT	x	x	x			x	x		x	x		x												x	
FCT	x	x				x	x		x	x				x	x		x							x	
HC	x	x	x			x	x	x	x	x		x	x	x	x									x	
HCT	x	x	x			x	x	x	x	x			x	x	x	x								x	
ABT	x	x					x		x	x							x	x			x	x			x
ABTE		x									x														x
BCT	x	x					x		x	x								x							x
ALS	x	x	x			x	x		x	x				x	x								x		
AS	x	x	x			x	x		x	x				x	x								x		
F	x	x	x			x	x		x	x				x	x			x					x		
LS	x	x	x	x		x	x		x	x			x	x	x								x		
S	x		x	x		x	x		x	x		x	x	x	x								x		
TTL	x		x	x		x	x		x	x		x											x		
CBT								x	x	x	x					x			x						
CBT-C									x	x	x										x				
FB		x																	x						
TS								x	x	x															
10-Volt Logic																									
CD4000	x		x	x	x	x	x	x	x	x			x	x	x	x								x	

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