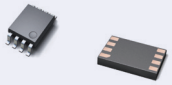
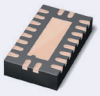
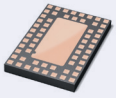
Competitive Package Cross-Reference: NXP Logic Products

Package Image width x length x height (mm)	Pitch (mm)	NXP	TI	Fairchild	ON	Toshiba
MicroPak  0.8 x 0.8 x 0.35	0.5	GX				
MicroPak  1.0 x 0.9 x 0.35	0.3	GN				
MicroPak  1.0 x 1.0 x 0.5 GF 1.0 x 1.0 x 0.35 GS	0.35	GF GS	DSF	FHX	CMX	fsV fs6
MicroPak  1.0 x 1.5 x 0.5 GM 1.0 x 1.95 x 0.5 GT	0.5	GM GT	RSE RSE	L6 L8		
PicoGate  2.0 x 2.0 x 1.0	0.65	GW	DCK	P5 P6	DFT	FU
PicoGate  2.8 x 2.9 x 1.0	0.95	GV	DBV	M5 M6	DTT	F
VSSOP-8  2.0 x 3.0 x 1.0 2.0 x 3.0 x 0.5	0.5	DC GD	DCV Footprint compatible	K8 Footprint compatible	VS Footprint compatible	FK Footprint compatible
TSSOP-8  3.0 x 4.0 x 1.1	0.65	DP	DCT			FU

Package Image	Pitch (mm)	NXP	TI	Fairchild	ON	Toshiba
 8,10,12,16 Leads	0.4	GU	RSW	UMX	MU	
 DQFN	0.5	BQ		BQ		
 48 pin - 96 pin BGA	0.65 0.8	EV EC	ZQL GKE			
 DR-QFN	0.5	BX				
 TSSOP	0.65 0.5	PW DGG	PW DGG	MTC 24 PIN and below MTD Above 24 Pin	DT	FT
 SSOP	0.65 0.635	DB DL	DB DL			
 SO	1.27	D / T	D DW	M / SC	DR DW	FW
 DIL	0.1 (inch)	P	E	CN	CP	BP

Nomenclature for functions in SO, SSOP, TSSOP, BGA, & DQFN Package

74 XXX XXXX XXX

HC	High-speed
HCT	High-speed TTL-compatible
AHC	Advanced high-speed
AHCT	Advanced high-speed TTL-compatible
LVC	Low-voltage CMOS
AUP	Advanced Ultra-low Power CMOS
ALVC	Advanced Low-voltage CMOS
LVT	Low-Voltage BiCMOS Technology
CBT	Cross Bar Technology
F	Fast Advanced Schottky TTL

Function Number

P	DIL
D / T	SO
DB	SSOP
DL	SSOP
PW	TSSOP
DGG	TSSOP
BQ	DQFN
BX	DQFN
BB	PQFP
DG-V	TVSOP
EC	LFBGA
EV	VFBGA

Nomenclature for functions in the PicoGate and MicroPak Packages

1G Single Gate
2G Dual Gate
3G Triple Gate

1T Single Translator
2T Dual Translator
3T Triple Translator
4T Quad Translator

74 XXX XG XXX XX
XT

HC	High-speed
HCT	High-speed TTL-compatible
AHC	Advanced high-speed
AHCT	Advanced high-speed TTL-compatible
LVC	Low-voltage CMOS
AUP	Advanced Ultra-low Power CMOS
NX	Hi Performance Switches
NT	Translators
NC	Comparators
NX3P	3-V Load Switch
NX5P	5-V Load Switch

Function Number

GW	SOT353
GW	SOT363
GV	SOT753
GV	SOT457
DC	SOT765
DP	SPT505
GD	SOT996
GM	SOT886
GM	SOT902
GT	SOT833
GF	SOT891
GF	SOT1089
GS	SOT1202/3
GN	SOT1115/6
GX	SOT1226

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