



Package Line-up

Lead pitch and Number of pins of each package are shown in the following chart.

< Lead Insertion Type >

Package Outline	Lead pitch	Number of Pins															
		3	4	5	8	9	14	16	18	20	22	24	28	30	40	42	56
TO-92	1.27mm	x															
TO-220F	2.54mm	x	x	x													
SIP	2.54mm				x	x											
ZIP	1.50mm								x								
DIP	2.54mm				x		x	x	x	x	x				x		
SDIP	1.778mm										x	x	x	x		x	x

< Surface Mount Type >

Package Outline	Lead Pitch	Number of Pins																				
		3	5	6	8	10	14	16	18	20	22	24	28	30	32	40	42	44	56	64	80	100
SOT-89	1.5mm	x	x																			
TO-252	2.28mm	x	x																			
FLP	0.5mm					x																
	0.65mm			x																		
	0.95mm			x																		
MTP	0.95mm		x	x																		
TVSP	0.5mm					x																
	0.65mm				x																	
VSP	0.5mm					x																
	0.65mm				x																	
SSOP	0.5mm					x				x												
	0.65mm				x		x	x		x												
	0.8mm									x		x										
DMP	0.95mm									x												
	2.54mm				x		x	x	x			x					x					
SDMP	1.0mm													x								
EMP	2.54mm				x		x	x		x		x										
SOP	1.27mm				x				x	x	x	x	x			x						
BCC	0.5mm														x							
PLCC	0.5mm												x									
FFP	0.5mm								x			x			x							
QFP	0.5mm																		x		x	
	0.65mm																	x		x	x	
	0.8mm														x			x		x	x	
	1.0mm																x		x			