JRC

PACKAGE CHARACTERISTICS

External figure, flame material, lead pitch, lead type of each package are shown in the following chart.

< Lead Insertion Type >

Name			IC Package Description			
Symbol	Full name	External outline	Frame	Pitch	Lead type	Lead surface processing
TO-92	Transistor Outline Package		Copper Alloy	1.27mm		Sn-Pb pleating
TO-220F	Transistor Outline Package		Copper Alloy	2.54mm	Single	
SIP	Single In-line Package	HIVIV	Copper Alloy	2.54mm	Lead Dual Lead	
ZIP	Zig-zag In-line Package		42 Alloy	1.5mm		
DIP	Dual In-line Package	A THE THE PARTY OF	Copper Alloy	2.54mm		
SDIP	Shrink Dual In-line Package		Copper Alloy	1.778mm		

< Surface Mount Type >

Name			IC Package Description			
Symbol	Full name	External outline	Frame	Pitch	Lead type	Lead surface processing
SOT-89	Small Out-line Transistor	Cons	Copper Alloy	1.5mm	Single Flat lead	· Sn-Pb
TO-252	Transistor Out-line Package	Col 1	Copper Alloy	2.28mm	Single Gull-wing	pleating

Note: If you can need to Pb free pleating, please contact our sales department.

< Surface Mount Type >

< Surface Mount Type > Name		IC Package Description				
Symbol	Full name	External outline	Frame	Pitch	Lead type	Lead surface processing
SON	Single Outline Non lead		Copper Alloy	0.5mm	Dual Flat Lead	Pb free Pleating
QFN	Quad Flat Non lead	-	Copper Alloy	0.4mm 0.5mm	Quad Flat Lead	Sn-Bi pleating
FLP	Flat Lead Package	Toolo	Copper Alloy	0.5mm 0.65mm 0.95mm	Dual Flat Lead	
SC-88A		Que la constante de la constan	Copper Alloy	0.65mm		
SOT-23 (MTP)	Small Out-line Transistor	Tarr	Copper Alloy	0.95mm	Dual Gull-wing	Sn-Pb pleating
TVSP	Thin Very Small Package	- Peter	Copper Alloy	0.5mm 0.65mm		
VSP	Very Small Package	FEET	Copper Alloy	0.5mm 0.65mm		
SSOP	Shrink Small Outline Package	FRITTER	42 Alloy	0.5mm 0.65mm 0.8mm		
DMP	Dual In-line Mini Mold Package	Control of the contro	42 alloy * 24pin Copper Alloy	0.95mm 2.54mm		
SDMP	Shrink Dual In-line Mini Mold Package	FORTH PORT OF THE	Copper Alloy	1.0mm		
EMP	DMP (JEDEC)	THE REPORT OF THE PARTY OF THE	Copper Alloy	1.27mm		
SOP	Small Out-line Package	THE PROPERTY.	* 28pin Cu Alloy 42 Alloy	1.27mm		

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< Surface Mount Type >

Name			IC Package Description				
Symbol	Full name	External Outline	Frame	Pitch	Lead type	Lead surface processing	
QFP	Quad Flat Package		Copper Alloy	0.5mm 0.65mm 0.8mm 1.0mm	Quad Gull-wing	Sn-Pb pleating	
PLCC	Plastic Lead Chip Carrier		Copper Alloy	1.27mm	Quad J-Lead		
PCSP	Plastic Chip Size Package		Inter Poser (organic Substrate)	0.5mm 0.65mm	LGA with Stand off		
FFP	Flip-chip Fine Package		Inter Poser (Ceramic Substrate)	0.5mm	Combined Bottom and Side wall Terminals	Au pleating	

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< Tape Carrier Package >

Name			IC Package Description				
Symbol	Full name	External outline	Frame	Pitch	Lead type	Lead surface processing	
TCP	Tape Carrier Package		-	-	-	Sn Au Sn-Au	