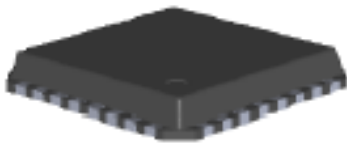
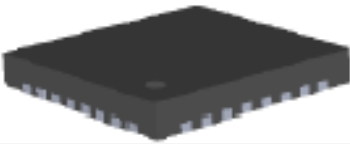


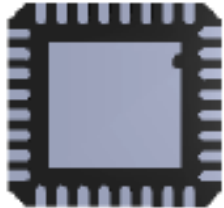
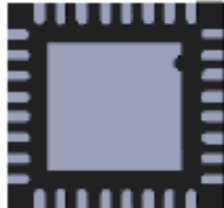


Technical Differences (Punch vs. Sawn)

COMPARISON	CURRENT	NEW	REMARKS	
Package	Punch	Sawn		
Figure			Punch has flange edges. Sawn has sharp square edges.	
Thickness	0.85 mm (Nom.) 	0.75 mm (Nom.) 	Sawn is Thinner	
Foot Print			Lead width and length dimensions and tolerances are the same.	
Package Outline	4x4mm, 24L 5x5mm, 28L 5x5mm, 32L 6x6mm, 40L 7x7mm, 48L	CP 24-1 CP 28-4 CP 32-2 CP 40-1 CP 48-3	CP 24-10 CP 28-6 CP 32-7 CP 40-10 CP 48-5	Package Outline Drawing are found in Analog Package Index website



Material Change



Package	Body Size	Material	Amkor	Stats ChiPAC	Remarks
LFCSP	4x4 mm	Die Attached	Ablestik 8290	Ablestik 8290	Same
		Wire	1.0 mil	1.0 mil	Same
		Mold Compound	Sumitomo G700	Sumitomo G770	
		Leadframe	C194	C194	Same
	5x5 mm 6x6 mm 7x7mm	Die Attached	Ablestik 8290	Ablestik 3230	
		Wire	1.0 mil	1.0 mil	Same
		Mold Compound	Sumitomo G700	Sumitomo G770	
		Leadframe	C194	C194	Same

Qualification Plan/Results

Test	Conditions	Sample Size	Results
Highly Accelerated Stress Test (HAST)*	JEDEC JESD22-A110	3x32	PASS
Temperature Cycle (TC)*	JEDEC JESD22-A104	3x32	PASS
Autoclave (AC)*	JEDEC JESD22-A102	3x32	PASS
High Temperature Storage Life (HTSL)	JEDEC JESD22-A103	3x32	PASS
Solder Heat Resistance (SHR)*	ADI-0049	3x11	PASS

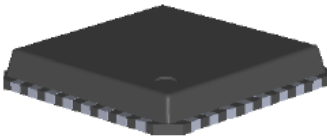
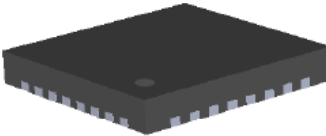


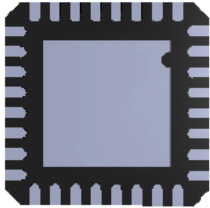
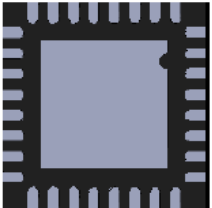
*MSL3 Preconditioned per JEDEC/IPC J-STD-020

Marking Change for ADF7021-N

Current Marking	New Marking
 <p>● ADF7021-N BCPZ LOT # YYWW</p>	 <p>● ADF7021- NBCPZ LOT # YYWW</p>
Line 1: 9 Characters	Line 1: 8 Characters

ANALOG DEVICES | Everywhere

LFCSP Punch and Sawn Differences:

COMPARISON	CURRENT	ALTERNATE	REMARKS
Assembly Site	Amkor Korea (AK1)	Stat Chippac Malaysia (SCM)	SCM is Qualified Site for Sawn Type LFCSP
Package	Punch	Sawn	
Figure			Punch has flange edges. Sawn has sharp square edges.
Thickness	0.85 mm (Nom.) 	0.75 mm (Nom.) 	Sawn is Thinner
Foot Print			Lead width and length dimensions and tolerances are the same.
Package Outline	CP 24-1 CP 28-4 CP 32-2 CP 40-1 CP 48-3	CP 24-10 CP 28-6 CP 32-7 CP 40-9 CP 48-5	Package Outline Drawing are found in Analog Package Index website