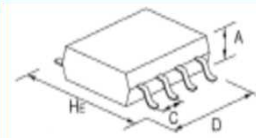


# Package



Package Type	Pin Count	Package Name	Package Size(mm)			Pin Pitch(mm)
			He	D	A	C
Flat Lead Type	6	SON-6C	2.00	1.60	0.550	0.500
	6	SON-6F	1.80	1.60	0.550	0.500
Non-Lead Type	4	PLP-4-1228	2.85	1.25	0.600	-
	4	PLP-4E	2.85	1.25	0.500	-
	6	PLP-6G	4.10	2.10	0.500	-
	6	PLP-6J	2.00	1.40	0.480	-
	12	PLP-12A	4.00	2.90	0.600	0.400
	6	SSON-6J	1.40	1.40	0.550	0.500
	6	SSON-6M	1.40	1.40	0.550	0.500
	6	SSON-6N	3.60	1.80	0.650	-
	6	SSON-6U	1.80	1.40	0.400	0.500
	6	SSON-6V	1.80	1.40	0.400	0.500
	6	WLCSP-6D/6E/6F	0.83	1.26	0.360	0.400
	8	WLCSP-8C/8D/8G	0.92	1.51	0.360	0.400
	15	WLCSP-15A	1.46	2.61	0.625	0.500
Gullwing Type	20	VSOP-20A	6.00	8.66	1.500	0.635

# Package

Package Name	Dimensional Drawing(mm)	Recommended Land Pattern(mm)
SON-6C	<p>Top view: 1.6±0.05, 6, 4, 1, 3, 0.5, (0.3)</p> <p>Side view: 0.13±0.05, 1.6±0.05, 2.0±0.1</p> <p>Bottom view: 0.55±0.05, 0.22±0.05, 0.1, 0.5</p>	<p>Land pattern dimensions: 0.30, 0.20, 0.70, 1.36, 2.06, 2.76, 0.5</p>
SON-6F	<p>Top view: 1.6±0.05, 6, 4, 1, 3, 0.5, (0.3)</p> <p>Side view: 0.13±0.05, 1.6±0.05, 1.8±0.1</p> <p>Bottom view: 0.55±0.05, 0.22±0.05, 0.1, 0.5</p>	<p>Land pattern dimensions: 0.30, 0.20, 0.52, 1.36, 1.88, 0.5</p>

# Package

Package Name	Dimensional Drawing(mm)	Recommended Land Pattern(mm)
PLP-4-1228		
PLP-4E		

# Package

Package Name	Dimensional Drawing(mm)	Recommended Land Pattern(mm)
PLP-6G		
PLP-6J		

# Package

Package Name	Dimensional Drawing(mm)	Recommended Land Pattern(mm)
<p>PLP-12A</p>		
<p>SSON-6J</p>		



# Package

Package Name	Dimensional Drawing(mm)	Recommended Land Pattern(mm)
SSON-6U	<p>Top view dimensions: 1.40±0.05 (width), 1.80±0.05 (height). Pin positions are labeled 1, 3, 4, 6. A circular feature is shown in the bottom-left corner.</p> <p>Side view dimensions: 0.40MAX (height), 0.05 (width). A chamfered edge is indicated.</p>	<p>Land pattern dimensions: 0.30 (pitch), 0.20 (pitch), 1.10 (width), 0.65 (height), 1.36 (width), 1.88 (width), 2.40 (width), 0.50 (pitch), 0.50 (pitch).</p>
SSON-6V	<p>Top view dimensions: 1.40±0.05 (width), 1.80±0.05 (height). Pin positions are labeled 1, 3, 4, 6. A circular feature is shown in the bottom-left corner.</p> <p>Side view dimensions: 0.40MAX (height), 0.05 (width). A chamfered edge is indicated.</p>	<p>Land pattern dimensions: 0.30 (pitch), 0.20 (pitch), 1.10 (width), 0.65 (height), 1.36 (width), 1.88 (width), 2.40 (width), 0.50 (pitch), 0.50 (pitch).</p>



# Package

Package Name	Dimensional Drawing(mm)	Recommended Land Pattern(mm)
<p>WLCSP-6D WLCSP-6E WLCSP-6F</p>		
<p>WLCSP-8C WLCSP-8D WLCSP-8G</p>		



# Package

Package Name	Dimensional Drawing(mm)	Recommended Land Pattern(mm)
<p>WLCSP-15A</p>	<p>Top view dimensions: <math>2.61 \pm 0.03</math> mm, <math>1.46 \pm 0.03</math> mm. Pin pitch: <math>0.24 \pm 0.03</math> mm. Pad diameter: <math>0.335 \pm 0.02</math> mm. Pad thickness: <math>0.625</math> MAX mm. Chamfer: <math>0.05</math> mm.</p>	<p>Recommended land pattern: <math>0.3</math> mm diameter pads, <math>0.5</math> mm pitch, <math>0.5</math> mm pad diameter.</p>
<p>VSOP-20A</p>	<p>Top view dimensions: <math>8.66 \pm 0.3</math> mm, <math>3.91 \pm 0.3</math> mm. Pin pitch: <math>0.635</math> mm. Pad diameter: <math>0.22 \pm 0.05</math> mm. Pad thickness: <math>0.64 + 0.7 - 0.3</math> mm. Pad length: <math>6.0 \pm 0.3</math> mm. Chamfer: <math>0.1</math> mm. Lead length: <math>1.5</math> MAX mm. Lead thickness: <math>0.15 + 0.15 - 0.10</math> mm. Lead width: <math>1.63 \pm 0.3</math> mm. Lead spacing: <math>0.25 \pm 0.1</math> mm.</p>	<p>Recommended land pattern: <math>5.40</math> mm total length, <math>1.50</math> mm pad length, <math>0.635</math> mm pitch, <math>0.33</math> mm pad width.</p>