












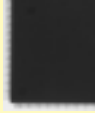

ASIC Packages

■ UQFP 0.4mm lead pitch series

Body Size (mm)	7×7	10×10	12×12	14×14	20×20
Lead Counts	64	80	100	120	160/184
Body Thickness (mm)	1.0* / 1.4	1.4	1.4	1.0 / 1.4	2.0
UQFP					







*: UNDER DEVELOPMENT

■ VQFP 0.5mm lead pitch series

Body Size (mm)	7×7	10×10	12×12	14×14	14×20	20×20	24×24	28×28
Lead Counts	48	64	80	100	128	144	176	208
Body Thickness (mm)	1.425 / 1.4	1.0 / 1.4	1.0 / 1.4	1.0 / 1.4	2.15	1.4 / 2.0	1.4	3.3
VQFP								






*: UNDER DEVELOPMENT






■ SQFP 0.65mm lead pitch series

Body Size (mm)	10×10	12×12	14×14	14×20	20×20	28×28
Lead Counts	52/56	64	80	100	120	160
Body Thickness (mm)	1.4 / 2.15	1.4	1.4 / 2.7	2.15 / 2.7	1.4	3.3
SQFP						



*: UNDER DEVELOPMENT

■ QFP 0.8mm lead pitch series


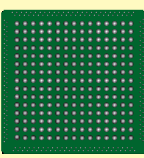
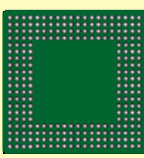
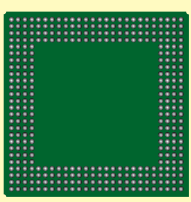
Body Size (mm)	7×7	10×10	14×14	14×20	28×28
Lead Counts	32	44	64	80	120
Body Thickness (mm)	1.45	2.15	2.7	2.15 / 2.7	3.3
QFP					

■ CSP (FBGA) 0.5mm lead pitch series					
Body Size (mm)	5×5	6×6	7×7	8×8	9×9
Ball Counts	64	100	144	160	192
0.5mm CSP					
	*	*	*	*	*
	8P	10P	12P	14P6M	16P8M


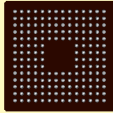
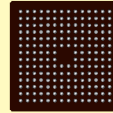
*:UNDER DEVELOPMENT

■ CSP (FBGA) 0.8mm lead pitch series												
Ball Counts	Body Size (mm)	6×9	7×7	8×8	9×9	10×10	11×11	12×12	13×13	14×14	15×15	16×16
		3Rows										
		48 7P1M										
4Rows												
			64 8P	80 9P1M	112 11P3M	128 12P4M	144 13P5M	160 14P6M	192 16P8M	208 17P9M	224 18P10M	
5Rows												
					120 11P1M	140 12P2M	160 13P3M	180 14P4M	220 16P6M	240 17P7M	256 18P8M	
6Rows												
								192 14P2M				
Rectangular												
		48 (6×8)										

*:UNDER DEVELOPMENT

■ PBGA series				
Body Size (mm)	15×15	27×27	27×27	35×35
Ball Pitch	1.0mm	1.5mm	1.27mm	1.27mm
Ball Counts	196	225	256	352
PBGA				
	14P	15P	20P12M	26P18M

*:UNDER DEVELOPMENT

■ Example :			
● CSP160/13 13/14P6M	● CSP180/13 13/14P4M	● CSP192/13 13/14P2M	
			
4Rows	5Rows	6Rows	