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IC Knowledge – MEMS Cost and Price Model Supported Packages List

As of the 2019 revision 00 the following packages are included in the MEMS Cost and Price Model.

The MEMS cost and price models supports up to two IC die and up to two MEMS die in each MEMS product.

1. None
2. cBGA 32 pin ceramic package with 1 die
3. cLCC 8 pin ceramic package with 1 die
4. cSOIC 8 with cap ceramic package for 1 die
5. DIP 8 pin with pressure port for 1 die
6. EPCOS' CSSPlus with 2 die
7. Knowles S575B MEMS Microphone with 2 die (1 MEMS + 1 IC)
8. LGA 12 pin package 3.0mm x 3.0mm with 2 die (1 MEMS + 1 IC)
9. LGA 16 pin package 3.0mm x 3.0mm with 2 die (1 MEMS + 1 IC)
10. LGA 16 pin package 4.0mm x 4.0mm with 2 die (1 MEMS + 1 IC)
11. LGA 16 pin package 5.0mm x 5.0mm with 2 die (1 MEMS + 1 IC)
12. LGA 28 pin package 4.0mm x 5.0mm with 2 die (1 MEMS + 1 IC)
13. Open cavity 24 pin package with 2 die
14. pBGA 64pin package (2 MEMS + 1 IC)
15. PLCC 44 pin package with 2 die (1 MEMS + 1 IC)
16. QFN 16 pin package 4.0mm x 4.0mm with 1 die
17. QFN 16 pin package 4.0mm x 4.0mm with 2 die (1 MEMS + 1 IC)
18. QFN 24 pin package 5.0mm x 4.0mm with 1 die
19. QFN 24 pin package 5.0mm x 4.0mm with 1 die (1 MEMS + 1 IC)
20. QFN 4 pin package 2.0mm x 2.5mm with 2 die (1 MEMS + 1 IC)
21. QFN 4 pin package 2.5mm x 5.0mm with 2 die (1 MEMS + 1 IC)
22. QFN 40 pin package 6.0mm x 6.0mm with 1 die
23. SOIC 14 pin package with 2 die (1 MEMS + 1 IC)
24. SOIC 16 pin package with 2 die (1 MEMS + 1 IC)
25. SOIC 16 pin package with 3 die (2 MEMS + 1 IC)
26. SOP 52 pin package with 2 die (1 MEMS + 1 IC)
27. TI DLP gold ceramic package with optical window
28. WLCSP 9 pin package with 1 die