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IC Knowledge – MEMS Cost and Price Model Supported MEMS Materials List

As of the 2021 revision 00 the following MEMS materials are included in the MEMS Cost and Price Model. These materials are the starting substrates for the MEMS processes and up to three materials are supported for each process. Additional consumable materials are also supported on the model.

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

1. 100mm - BondSOI
2. 100mm - Epi
3. 100mm - GaAs - Polished
4. 100mm - Glass - etched
5. 100mm - Glass - ultrasonic drilled
6. 100mm - InP
7. 100mm - LiNbO3
8. 100mm - Nafion
9. 100mm - Polished
10. 100mm - Polished - 2s
11. 100mm - Pyrex
12. 100mm - Quartz
13. 150mm - BondSOI
14. 150mm - Epi
15. 150mm - GaAs - Polished
16. 150mm - Glass - Etched
17. 150mm - Glass - Ultrasonic drilled
18. 150mm - LiNbO3
19. 150mm - Nafion
20. 150mm - Polished - 2s
21. 150mm - Pyrex
22. 150mm - Quartz
23. 200mm - BondSOI
24. 200mm - Epi
25. 200mm - Nafion
26. 200mm - PDSOI
27. 200mm - POI
28. 200mm - Polished
29. 200mm - Polished - 2s

30. 200mm - Pyrex
31. 300mm - Epi
32. 300mm - BondSOI
33. 300mm - Polished