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IC Knowledge – MEMS Cost and Price Model Supported Processes List

As of the 2017 revision 00 the following MEMS processes are included in the MEMS Cost and Price Model. Enter steps allows the user to define their own MEMS process.

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

1. 2 Layer Poly
2. AMR
3. Bulk pressure sensor
4. Cap wafer
5. Chemical Sensor
6. Coventor - RF Relay
7. Discera - MEMS Oscillator with cap
8. Electrostatic Energy Harvester
9. Electrostatic Motor
10. Floating Element Flow Sensor
11. HP - Print Head
12. IMEPKU - 2 layer poly
13. Infineon - Bulk Accoustic Wave
14. Infineon - Tire Pressure Measurement
15. Infotonics - Hybrid SOI
16. Invensense - Gyro/Accelerometer
17. Invensense Accelerometer w cavity
18. Kionix - accelerometer
19. Knowles - Microphone
20. Lear - Tire Pressure Sensor
21. MEMSCap - Metal MUMPS
22. MEMSCap - Poly MUMPS
23. MEMSCap - SOI MUMPS
24. Micro PEM Fuel Cell
25. Murata - Gyro/Accelerometer
26. None
27. Piezo Energy Harvester
28. Pixtronics - Display
29. Protein Sensor
30. RF Relay

31. Robert Bosch - Accelerometer
32. Sandia - SUMMiT - 3 poly layers
33. SiTimes - Oscillator
34. SOI Piezo Energy Harvester
35. ST Micro - Magnetometer
36. STMicro - ThELMA
37. STMicro - ThELMA60
38. STMicro - ThELMA-ISOX
39. Temperature and Humidity
40. Tesserra - Comb Actuator
41. Thermopile
42. TMR
43. User entered
44. WiSpry - Tri-Layer Beam