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## **IC Knowledge – MEMS Cost and Price Model Supported Processes List**

As of the 2020 revision 02 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. ADI - Accelerometer
3. ADI - Switch
4. AMR
5. Bulk pressure sensor
6. Cap wafer
7. Chemical Sensor
8. Coventor - RF Relay
9. Discera - MEMS Oscillator with cap
10. Electrostatic Energy Harvester
11. Electrostatic Motor
12. Floating Element Flow Sensor
13. HP - Print Head
14. IMEPKU - 2 layer poly
15. Infineon - Bulk Accoustic Wave
16. Infineon - Tire Pressure Measurement
17. Infotonics - Hybrid SOI
18. Invensense - Gyro/Accelerometer
19. Invensense - Accelerometer w cavity
20. Kionix - accelerometer
21. Knowles - Microphone
22. Lear - Tire Pressure Sensor
23. MEMSCap - Metal MUMPS
24. MEMSCap - Poly MUMPS
25. MEMSCap - SOI MUMPS
26. Micro PEM Fuel Cell
27. Murata - Gyro/Accelerometer
28. None
29. Oclaro - laser diode
30. Piezo Energy Harvester

31. Pixtronics - Display
32. Protein Sensor
33. RF Relay
34. Robert Bosch - Accelerometer
35. Robert Bosch - APSM pressure sensor
36. Sandia - SUMMiT - 3 poly layers
37. SiTimes - Oscillator
38. SOI Piezo Energy Harvester
39. ST Micro - Magnetometer
40. STMicro - ThELMA
41. STMicro - ThELMA60
42. STMicro - ThELMA-ISOX
43. Temperature and Humidity
44. Tessera - Comb Actuator
45. Thermopile
46. TMR
47. User entered
48. VCSEL - array
49. VCSEL - bottom emitter
50. VCSEL - top emitter
51. WiSpry - Tri-Layer Beam