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

As of the 2020 revision 01 the following test types 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.

### MEMS Sort 1 and 2

1. Accelerometer - 1 axis
2. Accelerometer - 2 axis
3. Accelerometer - 3 axis
4. Accelerometer/Gyroscope - 1 axis
5. Accelerometer/Gyroscope - 2 axis
6. Accelerometer/Gyroscope - 3 axis
7. Bulk Acoustic Wave Filter
8. Proximity Sensor
9. Gyroscope - 1 axis
10. Gyroscope - 2 axis
11. Gyroscope - 3 axis
12. LED
13. Microphone
14. Oscillator
15. Oscillator with trim
16. Pressure Sensor
17. Print Head
18. Tire Pressure Measurement System
19. VCSEL

### IC Sort 1 and 2

1. Accelerometer - 1 axis
2. Accelerometer - 2 axis
3. Accelerometer - 3 axis
4. Accelerometer/Gyroscope - 1 axis
5. Accelerometer/Gyroscope - 2 axis
6. Accelerometer/Gyroscope - 3 axis
7. Color Sensor
8. Digital Micro Display

9. Gyroscope - 1 axis
10. Gyroscope - 2 axis
11. Gyroscope - 3 axis
12. Hall Effect Sensor
13. Microcontroller
14. Pressure Sensor
15. Proximity Diode
16. Signal Conditioning IC
17. Tuner

Class Test (Final Product Test)

1. Accelerometer - 1 axis - commercial
2. Accelerometer - 2 axis - commercial
3. Accelerometer - 3 axis - commercial
4. Accelerometer - 1 axis - automotive
5. Accelerometer - 2 axis - automotive
6. Accelerometer - 3 axis - automotive
7. Accelerometer/Gyroscope - 1 axis - commercial
8. Accelerometer/Gyroscope - 2 axis - commercial
9. Accelerometer/Gyroscope - 3 axis - commercial
10. Accelerometer/Gyroscope - 1 axis - automotive
11. Accelerometer/Gyroscope - 2 axis - automotive
12. Accelerometer/Gyroscope - 3 axis - automotive
13. Bulk Acoustic Wave Filter
14. Color and Proximity Sensor
15. Digital Micro Display
16. Duplex Bulk Acoustic Wave Filter
17. Gyroscope - 1 axis - commercial
18. Gyroscope - 2 axis - commercial
19. Gyroscope - 3 axis - commercial
20. Gyroscope - 1 axis - automotive
21. Gyroscope - 2 axis - automotive
22. Gyroscope - 3 axis - automotive
23. Hall Effect Sensor
24. LED
25. Microphone
26. Oscillator - 2 temperature
27. Oscillator - 3 temperature
28. Pressure Sensor
29. Print Head
30. Tire Pressure Measurement System
31. Tuner