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

As of the 2017 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. None
2. Accelerometer
3. Accelerometer/Gyroscope
4. Bulk Acoustic Wave Filter
5. Gyroscope
6. Microphone
7. Oscillator
8. Oscillator with trim
9. Pressure Sensor
10. Print Head
11. Tire Pressure Measurement System

IC Sort 1 and 2

1. None
2. Accelerometer
3. Accelerometer/Gyroscope
4. Digital Micro Display
5. Gyroscope
6. Microcontroller
7. Pressure Sensor
8. Signal Conditioning IC

Class Test (Final Product Test)

1. None
2. Accelerometer - commercial
3. Accelerometer - automotive
4. Accelerometer/Gyroscope - commercial
5. Accelerometer/Gyroscope - automotive
6. Bulk Acoustic Wave Filter

7. Digital Micro Display
8. Duplex Bulk Acoustic Wave Filter
9. Gyroscope - commercial
10. Gyroscope - automotive
11. Microphone
12. Oscillator - 2 temperature
13. Oscillator - 3 temperature
14. Pressure Sensor
15. Print Head
16. Tire Pressure Measurement System