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

As of the 2019 revision 02 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. Proximity Sensor
6. Gyroscope
7. LED
8. Microphone
9. Oscillator
10. Oscillator with trim
11. Pressure Sensor
12. Print Head
13. Tire Pressure Measurement System
14. VCSEL

IC Sort 1 and 2

1. None
2. Accelerometer
3. Accelerometer/Gyroscope
4. Color Sensor
5. Digital Micro Display
6. Gyroscope
7. Hall Effect Sensor
8. Microcontroller
9. Pressure Sensor
10. Proximity Diode
11. Signal Conditioning IC
12. Tuner

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. Color and Proximity Sensor
8. Digital Micro Display
9. Duplex Bulk Acoustic Wave Filter
10. Gyroscope - commercial
11. Gyroscope - automotive
12. Hall Effect Sensor
13. LED
14. Microphone
15. Oscillator - 2 temperature
16. Oscillator - 3 temperature
17. Pressure Sensor
18. Print Head
19. Tire Pressure Measurement System
20. Tuner