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IC Knowledge – MEMS Cost and Price Model Supported Products List

As of the 2019 revision 02 the following pre-defined products are included in the MEMS Cost and Price Model. Users can also define their own products.

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

1. Analog Devices - ADXC1500WXRZ - Gyro and dual axis accelerometer
2. Analog Devices - ADXL278 - Dual axis high-g accelerometer
3. Analog Devices - ADXL330 - Three axis low-g accelerometer
4. Analog Devices - ADXL78 - Single axis high-g accelerometer
5. Analog Devices - ADXRS300 - Gyroscope
6. Cavendish Kinetics - 32CKxxxR - Antenna Tuner
7. Discera-Micrel - ASFLM1-20.000MHz-C-T - Single frequency MEMS oscillator
8. Hewlett Packard - HP60 - Print Head
9. Infineon - SP30 - Tire pressure measurement system
10. Infineon - BAW Duplexer - Bulk Acoustic Wave filter
11. Invensense - IDG-300 - 2 axis Gyroscope
12. Invensense - MPU-3000 - 3-axis gyro
13. Invensense - MPU-6000/6050 - 3-axis gyro, 3-axis accel, 9-axis ready
14. Invensense - MPU-6500 - 3-axis gyro, 3-axis accel
15. Kionix-Rohm - KX023 - Accelerometer
16. Kionix-Rohm - KXCJK - Accelerometer
17. Kionix-Rohm - KXCNL - Accelerometer
18. Knowles - S575B - Silicon microphone
19. MEMSIC - A - Accelerometer
20. MEMSIC - B - Accelerometer
21. MEMSTech - MPS-500G - Uncompensated, Non-Invasive, Medical Pressure Sensor
22. MEMSTech - MTPD-007G-07S - Bulk Piezo Pressure Sensor - 0 to 7 PSI
23. MEMSTech - MTPD-001G-065 - Bulk Piezo Pressure Sensor - 0 to 1 PSI
24. MEMSTech - MTPD-007-025 - Bulk Piezo Pressure Sensor - 0 to 7 PSI
25. MEMSTech - MTPD-015A-04G-I - Bulk Piezo Pressure Sensor - 0 to 15 PSI
26. MEMSTech - MTPD-040D-055 - Bulk Piezo Pressure Sensor - 0 to 40 PSI
27. MEMSTech - MTPD-150A-10G - Bulk Piezo Pressure Sensor - 0 to 150 PSI
28. Robert Bosch - BMA255 - Accelerometer
29. Robert Bosch - BMA280 - Accelerometer
30. Robert Bosch - SMB200 - Accelerometer

31. Robert Bosch - SMB260 - Accelerometer
32. Robert Bosch - SMD284 - Piezo Pressure Sensor
33. Robert Bosch - SMG060 - Angular Rate Sensor with digital output
34. SiTime - SIT8002AC-13-18E50 - One time programable MEMS Oscillator
35. STMicro - L3G4200D - Gyroscope
36. STMicro - LIS331DLH - Accelerometer
37. STMicro - LPR530AL - Pitch and roll sensor
38. Texas Instruments - S1076-7402 XGA - Digital Micromirror Device
39. User Defined