poly 3

fixed capacitor plate

moving capacitor plate

anchor

poly 2

poly 1


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MMA7361L: connections

VDD = 3.3V

decouple: VDD-GND (0.1uF)

outputs: caps to GND (3.3nF)

sleep: high = running

g-Select: low = +/-1.5g, high = +/-6g
Sensors

Freescale Semiconductor

MMA7361L

XOUT @ 0g = 1.65 V
YOUT @ +1g = 2.45 V
ZOUT @ 0g = 1.65 V
XOUT @ +1g = 2.45 V
YOUT @ 0g = 1.65 V
ZOUT @ 0g = 1.65 V
XOUT @ -1g = 0.85 V
YOUT @ 0g = 1.65 V
ZOUT @ 0g = 1.65 V

Direction of Earth's gravity field.*

Top View

14-Pin LGA Package

Top View

Side View

Top

Bottom

: Arrow indicates direction of package movement.

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