The following items are part of the U.S. Data Roll-Effect Unit Calibration Kit:

- Items not from USM-6900 and 8520A

- Please use the Board Calibration Sheet

- Value Magnet Kit with 1 A Magnet and 1 B Magnet

**Samples**

- 4 - US1881UA
- 6 - US5881UA
- 2 - US1881SO
- 4 - US3881UA

- 1 package containing the following devices:
  - 1 - ULN2003A
  - 1 - ULN2003L
  - 1 - ULN2803A
  - 1 - ULN2803LW
Magnets 5 - 10 cents each

USM Hall effect sensor design kit

slide by

Proximity interrupt switch

# 7108, UREY HALL
Mail Code 0319
UCSD, 9500, Gilman BR
La Jolla, CA 92039

Louis Magnets
Taiwan Draw.
Distance decay for helix 1

Solid – G, dashed – ~G

log(G^2)/Dda vs. E_tun, eV
Optimal at 8 V

\[ V_{cc} = 5 \text{ Volts} \]

\[ \mu_0 B \]

Magnetic Flux Density (Gauss)

Operator:
Magnet ordering

- 300 Gauss
- Fax
- Louis Magnets (Taiwan)
  cheap good too large quantity.
- Bunting Magnetics (US)
- Field engineering (US)

John Field (413) 566 5808

- Seco watch company, small magnets.
- 1/4 inch discs + hole
- Hall effect switch 1/4000 inch.
- Humidity
- Wattle magnet.
- 1/8 inch long
- 1/2 mm gage

Magnet on other side of chip.

Magnetism low magnetism.

[semi cesbolt]
Distance sensitivity of the small magnet.

US588CAU 5 mm (8V)

Analog device

Minimum 0.5 - 1 V = V_{out}

USM 503
Dear Future Hall Designers

We are pleased to provide the USMikroChips Hall-Effect Sensor Design-Kit. This Kit will enable you to create a successful Hall Effect Sensor System.

USMikroChips is a new innovator of Hall Effect Sensor IC design and manufacture. Our company has been in business for nearly four years. We have introduced new chip design concepts, which improve performance and dramatically lower manufacturing costs by cutting chip size. Through innovative designs, USMikroChips is a prime supplier to World markets. Samples of our switches, latches and our new surface mount package are included in this Design Kit.

In the design process you must consider the Hall IC, sensor, and the environment. A calibrated linear Hall IC is included in this Kit to make the design process easier. Our company is also available to assist you in this process.

A list of material is included, please reference USMikroChips to obtain complete specifications, as well as for technical data. Additional support or samples for pre-production, please call 510-943-0.

Sincerely,

Cheri Marshall

Cheri Marshall