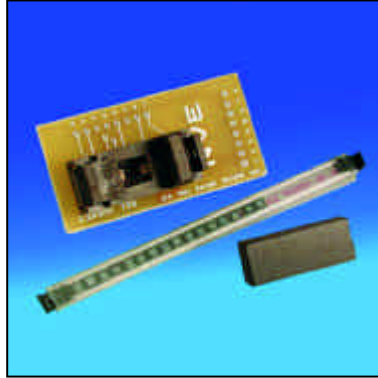# GMR Digital Sensor Evaluation Kit
AG910

This kit was created to facilitate laboratory experimentation and developed using GMR digital switch output sensors. The kit consists of 16 distinct GMR sensors that span the magnetic field range and output types available in the AD series. All sensors in this kit are packaged in the TSSOP miniature surface mount package. The kit also includes a ceramic bar magnet, printed circuit board (PCB) and a TSSOP ZIF socket with Kelvin contacts.

The kit consists of the following:

GMR Switch Digital Evaluation Kit Parts List

Part Number	Part Marking	Output type	Output Configuration (Specified by 3rd Character) of Part No.	Level and Axis of Sensitivity (Specified by 4th & 5th Characters) of Part No.
AD004-00	BBH		0:= Single 20mA	04:= Std Axis, 20 Oe
AD005-00	BBG		Sink Output	05:= Std Axis, 40 Oe
AD006-00	BBJ	Single	1:= Single 20mA	06:= Std Axis, 80 Oe
AD020-00	BBK	Sink	Source Output	20:= Std Axis, 28 Oe
AD021-00	BBB		2:= 20mA Source	21:= Cross Axis, 20 Oe
AD022-00	BBC		Output & 20mA	22:= Cross Axis, 40 Oe
AD023-00	BBD		Sink Output	23:= Cross Axis, 80 Oe
AD024-00	BBF		3:= Dual 20mA	24:= Cross Axis, 28 Oe
AD105-00	DBG	Single	Sink Outputs	
AD122-00	DBC	Source	6:= 20mA Source	
AD222-00	FBC	Sink/	Output + 20mA Sink	
AD224-00	FBF	Source	Output and External	
AD320-00	GBK	Sink/	Regulated Voltage	
AD324-00	GBF	Sink	7:= Dual Sink	
AD624-00	KBF	Sink/ Source/ Vreg	Outputs + External Regulated Voltage	
AD724-00	LBF Vreg	Sink/ Sink/		
AG910-06	N/A	N/A		2.5 x 5cm PCB
SB-015	N/A	N/A		GMR Switch Brochure
SN 12100	N/A	N/A		TSSOP Socket
SN 12032	N/A	N/A		Ceramic Magnet, 2.5 x 0.6 x 1cm