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Hall Effect Digital Latching ICs

P/N	Supply Voltage Range Vcc (V)	Supply Current Icc (mA), max	Operate Point Bop (mT), max	Release Point Brp (mT), max	Hysteresis Bh (mT), min	Output Saturation Voltage Vol(V), max	Continuous Output Current Io (mA)	Output leakage current Ioh (μA), max	Operating Temperature Range (°C)	Package	Output function	Pin Definition and Function		
												1	2	3
CYD3172X	4.5 ~ 24	12	1 ~ 7	-7 ~ -1	4	0.4	25	10	-40 ~ +85	TO-92U, TO-92UA	Latching	Vcc	GND	Vo
CYD512	4.5 ~ 18	8	1 ~ 6	-6 ~ -1	2	0.4	15	10	-55 ~ +155	TO-92T	Latching	Vcc	GND	Vo