



The BA6430S is designed as one kind of motor driving integrated circuit that is produced by the Toyo electric tool company, and this device can be used in the DVD players and DVs such as the

引脚号	功能说明	在路电阻 (kΩ)		工作电压 (V)			
		红笔测量	黑笔测量	停止	重放	记录	快进/倒带
①	主导轴电机 M3 驱动输出	4.5	40	0	1.6	4.4	4.4
②	电机驱动信号反馈输入	0.68 Ω	0.68 Ω	0.1	0.1	0.1	0.1
③	主导轴电机 M2 驱动输出	4.5	40	0	1.6	4.4	4.4
④	地线	0	0	0	0	0	0
⑤	霍尔 3 负检测信号输入	0.9	0.9	1.9	1.9	1.9	1.9
⑥	霍尔 3 正检测信号输入	0.9	0.9	1.8	1.9	1.9	1.9
⑦	霍尔 2 负检测信号输入	1	1	1.8	1.9	1.9	1.9
⑧	霍尔 2 正检测信号输入	1	1	1.9	1.9	1.9	1.9
⑨	霍尔 1 负检测信号输入	1	1	1.8	1.9	1.9	1.9
⑩	霍尔 1 正检测信号输入	1	1	1.9	1.9	1.9	1.9
⑪	主导轴电机方向控制输入	5.2	6	2	0	0	0/4.8
⑫	地线	0	0	0	0	0	0
⑬	IC 电源	0.4	0.4	4.9	4.9	4.9	4.9
⑭	霍尔器件电源电压输出	0.3	0.3	3.2	3.2	3.2	3.2
⑮	基准电压输入	4.6	5.6	2.6	2.5	2.6	2.6
⑯	转矩控制信号输入	6	7.8	0.9	2.4	2.4	2.2
⑰	未使用	5.6	5.8	0	2.4	2.4	2.4
⑱	旁路	8	8	3.9	3.9	3.9	3.9

Panasonic NV — M800 DV. 1.Features The BA6430S has the torque control circuit, the position signal processing circuit, the differential amplifier circuit, the universal control circuit, the motor driver circuit and other subsidiary circuits. The internal circuit block diagram is as shown in figure 1. 2.Pin functions and data The BA6430S uses the 24-pin dual-row DIP package, the pin functions and data is as shown in table 1. Figure 1 The internal circuit block diagram and the typical application circuit of the BA6430S Table 1 The pin functions and data of the BA6430S 3.The typical application circuit The typical application circuit of the BA6430S is as shown in figure 1 Tip: The input torque control voltage (2.5V) of the BA6430S's pin-16 is the key point of this IC.

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		红笔测量	黑笔测量	停止	重放	记录	快进/倒带
⑰	转矩电流限制输入	5	5.4	0.4	0.4	0.4	0.4
⑳	电流反馈输入	0.68 Ω	0.68 Ω	0	0.1	0.1	0.1
㉑	地线	0	0	0	0	0	0
㉒	旁路元件连接	6	8	3.2	4.4	4.4	3.9
㉓	主导轴电机 M1 驱动输出	4.5	40	0	1.6	1.6	4.4
㉔	电机电源输入	1.2	14	12	3.9	3.9	9.4