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	DRV8870 (/product/DRV8870) Data sheet: PDF (/lit/gpn/DRV8870) HTML (/document-viewer/DRV8870/datasheet) View alternates	DRV8871 (/product/DRV8871) Data sheet: PDF (/lit/gpn/DRV8871) HTML (/document-viewer/DRV8871/datasheet) View alternates	DRV8874 (/product/DRV8874) Data sheet: PDF (/lit/gpn/DRV8874) HTML (/document-viewer/DRV8874/datasheet) View alternates	DRV8872 (/product/DRV8872) Data sheet: PDF (/lit/gpn/DRV8872) HTML (/document-viewer/DRV8872/datasheet) View alternates
Images				
Ti.com inventory	95,868 (https://www.ti.com/product/DRV8870#order-quality)	231,292 (https://www.ti.com/product/DRV8871#order-quality)	6,244 (https://www.ti.com/product/DRV8874#order-quality)	1,235,261 (https://www.ti.com/product/DRV8872#order-quality)
Number of full bridges	1	1	1	1
Vs (min) (V)	6.5	6.5	4.5	6.5
Vs ABS (max) (V)	50	50	40	50
Peak output current (A)	3.7	3.7	6	3.7
RDS(ON) (HS + LS) (mΩ)	565	565	200	565
Sleep current (μA)	10	10	0.75	10
Control mode	PWM	PWM	Independent 1/2-Bridge, PH/EN, PWM	PWM
Control interface	Hardware (GPIO)	Hardware (GPIO)	Hardware (GPIO)	Hardware (GPIO)
Features	Current Regulation	Current Regulation, Integrated Current Sensing	Current sense Amplifier, Integrated Current Sensing	Current Regulation
Price Quantity (USD)	\$0.592 1ku	\$0.802 1ku	\$0.900 1ku	\$0.749 1ku
Rating	Catalog	Catalog	Catalog	Catalog
TI functional safety category	—	—	—	—
Package type	HSOIC	HSOIC	HTSSOP	HSOIC
Pin count	8	8	16	8
Package area (mm^2)	29.4	29.4	32	29.4
Package size (L x W) (mm)	4.9 x 6	4.9 x 6	5 x 6.4	4.9 x 6
Operating temperature range (°C)	-40 to 125	-40 to 125	-40 to 125	-40 to 125
Status	✔ ACTIVE	✔ ACTIVE	✔ ACTIVE	✔ ACTIVE