

LA7845N

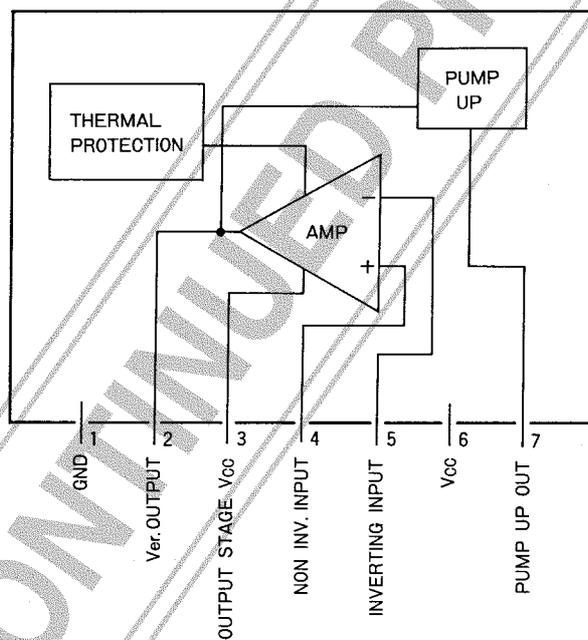
Operating Conditions at $T_a = 25\text{ }^\circ\text{C}$

Parameter	Symbol	Conditions	Ratings	Unit
Recommended supply voltage	V_{CC6}		24	V
Operating supply voltage range	$V_{CC6\text{ op}}$		16 to 38	V
Recommended deflection output current	1.2 p-p		to 2.2	Ap-p

Operating Characteristics at $T_a = 25\text{ }^\circ\text{C}$, $V_{CC6} = 24\text{ V}$

Parameter	Symbol	Conditions	min	typ	max	Unit
Pump-up charge saturation voltage	V_{S7-1}	$I_7 = 20\text{ mA}$			1.8	V
Pump-up discharge saturation voltage	V_{S6-7}	$I_7 = -1.1\text{ A}$			3.2	V
Deflection output saturation voltage (lower)	V_{S2-1}	$I_2 = 1.1\text{ A}$			1.5	V
Deflection output saturation voltage (upper)	V_{S3-2}	$I_2 = -1.1\text{ A}$			3.5	V
Idling current	I_{DL}		35		70	mA
Midpoint voltage	V_{MID}		11.0	12.0	13.0	V

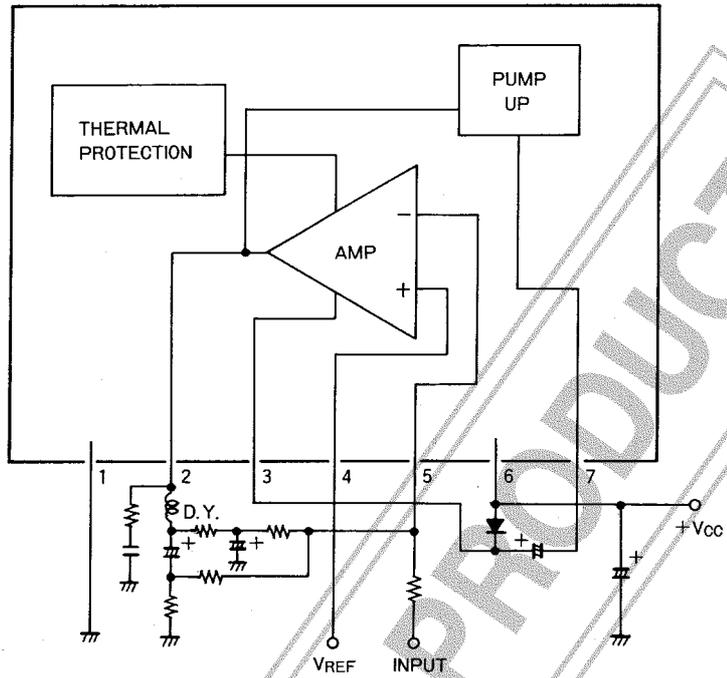
Block Diagram



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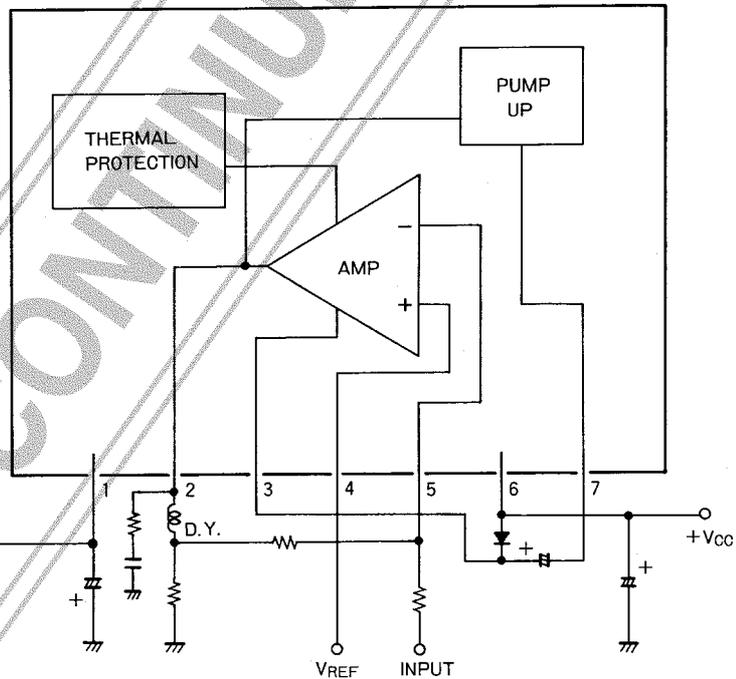
Sample Application Circuit

(Single power supply)

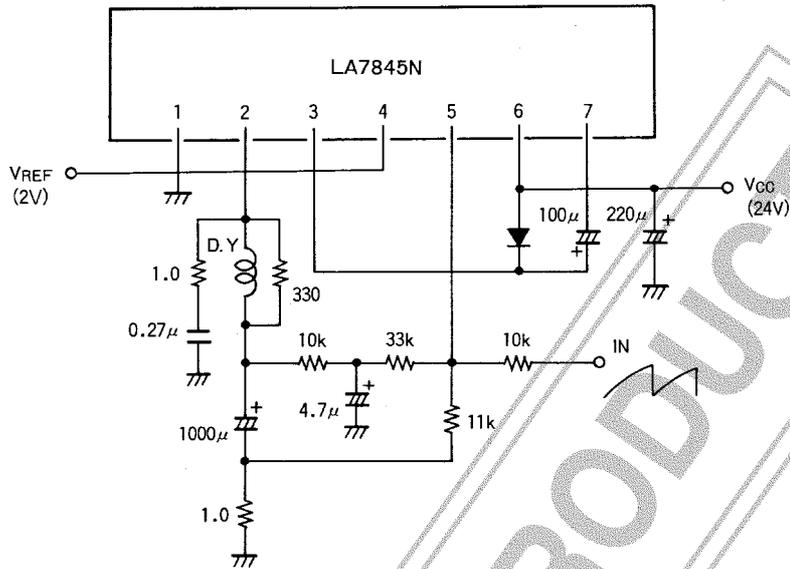


Sample Application Circuit

(Double power supply)



Sample Application Circuit

Unit (resistance: Ω , capacitance: F)

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