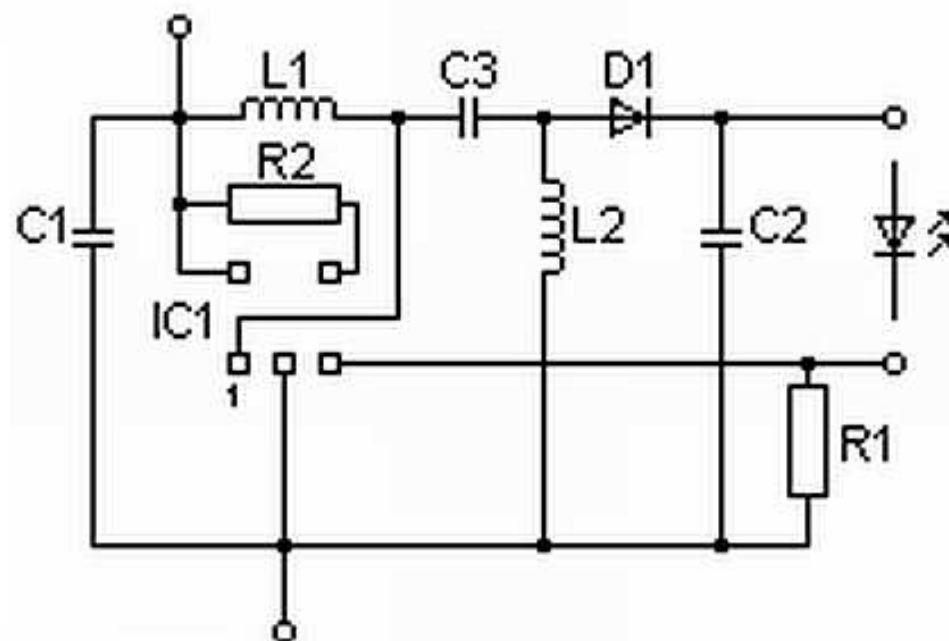


LM3410Y



LM3410Y (525kHz): $V_{IN} = 2.7V$ to $5.5V$, ($V_{OUT} \approx 3.8V$) $I_{LED} \approx 1.0A$

Part ID	Part Value	Manufacturer	Part Number
U1	2.8A I_{SW} LED Driver	NSC	LM3410YMF
C1 Input Cap	10 μ F, 6.3V, X5R	TDK	C2012X5R0J106K
C2 Output Cap	10 μ F, 6.3V, X5R	TDK	C2012X5R0J106K
C3 Cap	2.2 μ F, 25V, X5R	TDK	C2012X5R1E225M
D1, Catch Diode	0.4V _f , Schottky 2A, 20V _R	Diodes Inc	DFLS120L
L1 & L2	4.7 μ H 3A	Collcraft	MSS6132-472
R1	200m Ω , 1%	Vishay	CRCW0805R200F
R2	100k Ω , 1%	Vishay	CRCW08051003F
LED	1000mA, $V_f \approx 3.6V$	CREE	XREWHT-L1-WG-Q5