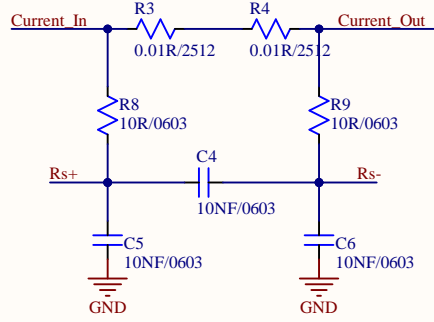
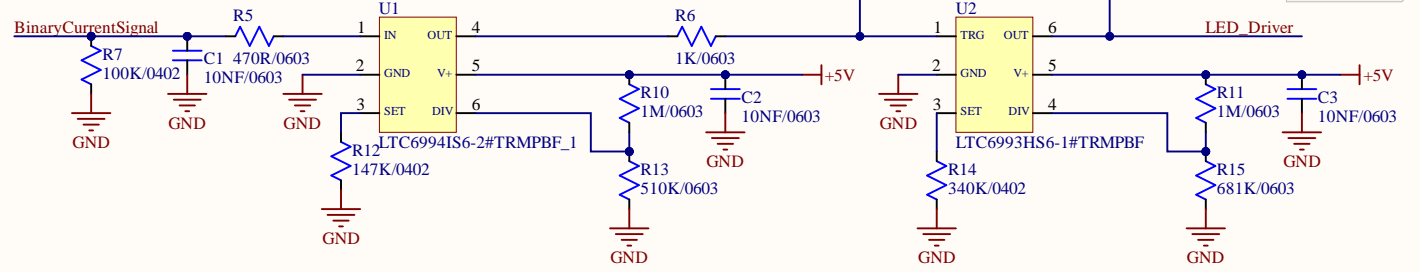


Akım Girişi Devresi

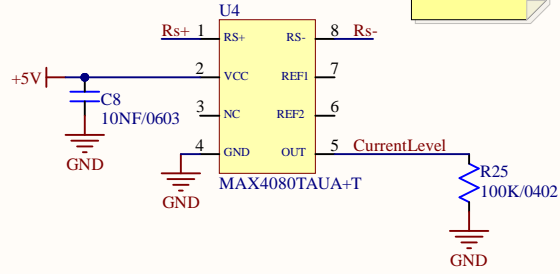


Debouncer Devresi



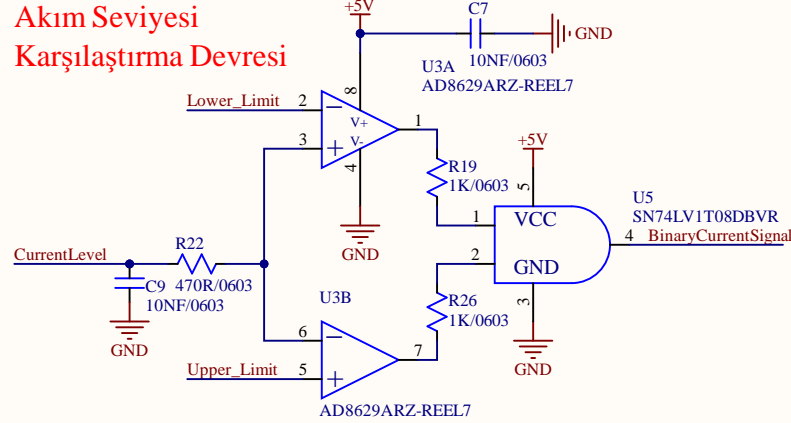
Minimum 100ms seçilen amperde akım akarsa LED 1.8 saniye yanıyor

Akım Ölçüm Devresi

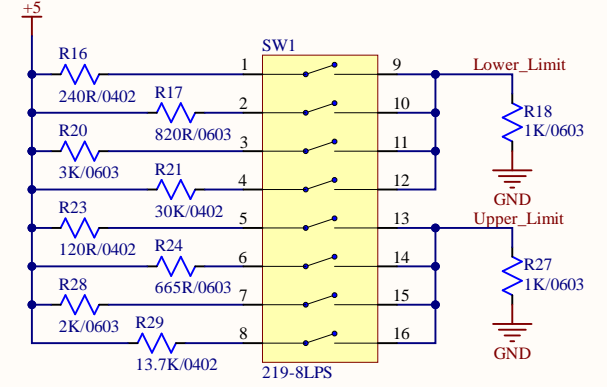


Rs terminalleri arasındaki voltaj farkını output veren IC

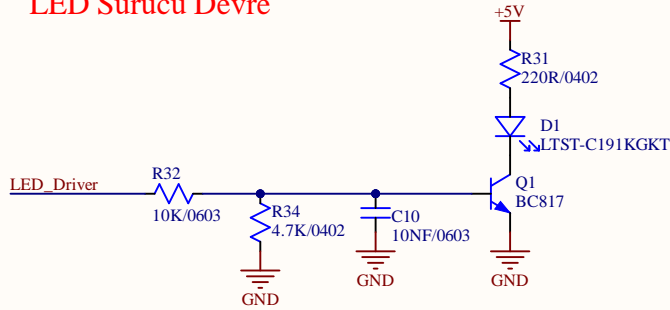
Akım Seviyesi Karşılaştırma Devresi



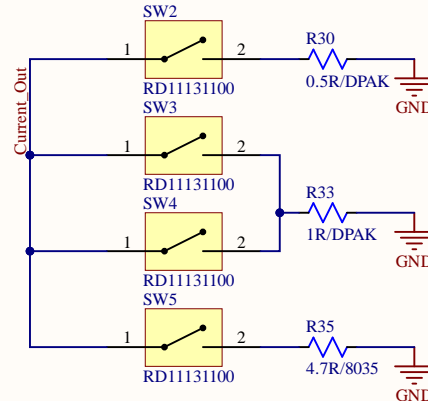
Akım Limitleri Switch



LED Sürücü Devre



Patlatma Akımı Switchleri



SETUP 1:
0.5OHM
10.15A-11.03A

SETUP 2:
1OHM
6.83A-7.53A

SETUP 3:
1OHM
3.06A-4.21A

SETUP 4:
4.7OHM
373mA-868mA

Title		
Size	Number	Revision
A4		
Date:	6.18.2025	Sheet of
File:	C:\Users\...\Sheet1.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
10NF/0603	CAP CER 10000PF 50V X7R 0603	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10		CC0603KPX7R9BB103	10
LTST-C191KGKT	LED GREEN CLEAR SMD	D1		LTST-C191KGKT	1
BC817	TRANS NPN 45V 0.5A TO236AB	Q1		BC817-40,215	1
100K/0402	RES SMD 100 KOHM 1% 1/16W 0402	R1, R2, R7, R25		RC0402FR-07100KL	4
0.01R/2512	RES SMD 0.01 OHM CURR SENSE 7W 1% 2512	R3, R4		GMR100HTBFA10L0	2
470R/0603	RES SMD 470 OHM 5% 1/10W 0603	R5, R22		RC0603JR-07470RL	2
1K/0603	RES SMD 1K OHM 0.1% 1/10W 0603	R6, R18, R19, R26, R27		RT0603BRD131KL	5
10R/0603	RES SMD 10 OHM 0.1% 1/10W 0603	R8, R9		RT0603BRD0710RL	2
1M/0603	RES SMD 1M OHM 1% 1/10W 0603	R10, R11		ERJ-3EKF1004V	2
147K/0402	RES SMD 147K OHM 1% 1/16W 0402	R12		RC0402FR-07147KL	1
510K/0603	RES SMD 510K OHM 1% 1/10W 0603	R13		RC0603FR-07510KL	1
340K/0402	RES SMD 340K OHM 1% 1/10W 0402	R14		ERJ-2RKF3403X	1
681K/0603	RES 681K OHM 1% 1/10W 0603	R15		RMCF0603FT681K	1
240R/0402	RES SMD 240 OHM 1% 1/10W 0402	R16		ERJ-2RKF2400X	1
820R/0603	RES SMD 820 OHM 1% 1/10W 0603	R17		RC0603FR-07820LR	1
3K/0603	RES SMD 3K OHM 5% 1/3W 0603	R20		ERJ-PA3J302V	1
30K/0402	RES SMD 30K OHM 1% 1/10W 0402	R21		ERJ-2RKF3002X	1
120R/0402	RES SMD 120 OHM 1% 1/10W 0402	R23		ERJ-2RKF1200X	1
665R/0603	RES SMD 665 OHM 1% 1/10W 0603	R24		RC0603FR-07665RL	1
2K/0603	RES SMD 2K OHM 0.1% 1/10W 0603	R28		ERA-3AEB202V	1
13.7K/0402	RES SMD 13.7K OHM 1% 1/10W 0402	R29		ERJ-2RKF1372X	1
0.5R/DPAK	RES POWER 0.5 OHM 25W 1% Non- Standart DPAK	R30		PWR163S-25-R500FE	1
220R/0402	RES SMD 220 OHM 1% 1/10W 0402	R31		ERJ-2RKF2200X	1
10K/0603	RES SMD 10K OHM 0.1% 1/10W 0603	R32		RT0603BRD0710KL	1
1R/DPAK	RES POWER 1 OHM 25W 1% Non- Standart DPAK	R33		PWR163S-25-1R00FE	1
4.7K/0402	RES SMD 4.7K OHM 5% 1/16W 0402	R34		RC0402JR-074K7L	1
4.7R/8035	RES POWER 4.7 OHM 4W 5% 8035 J-Lead	R35		SM8035JT4R70	1
219-8LPS	SWITCH 100mA, 20 VDC, DIP 8 SPST IC	SW1		219-8LPS	1
RD11131100	POWER SWITCH 16A, 125 VAC, ROCKER SPST	SW2, SW3, SW4, SW5		RD11131100	4
LTC6994IS6- 2#TRMPBF_1		U1		LTC6994IS6- 2#TRMPBF_1	1
LTC6993HS6- 1#TRMPBF		U2		LTC6993HS6- 1#TRMPBF	1
AD8629ARZ-REEL7	IC OPAMP ZERO- DRIFT 2 CIRC 8SOIC	U3		AD8629ARZ-REEL7	1
MAX4080TAUA+T		U4		MAX4080TAUA+T	1
SN74LV1T08DBVR	1CH 2INP AND-Gate 5V	U5		SN74LV1T08DBVR	1