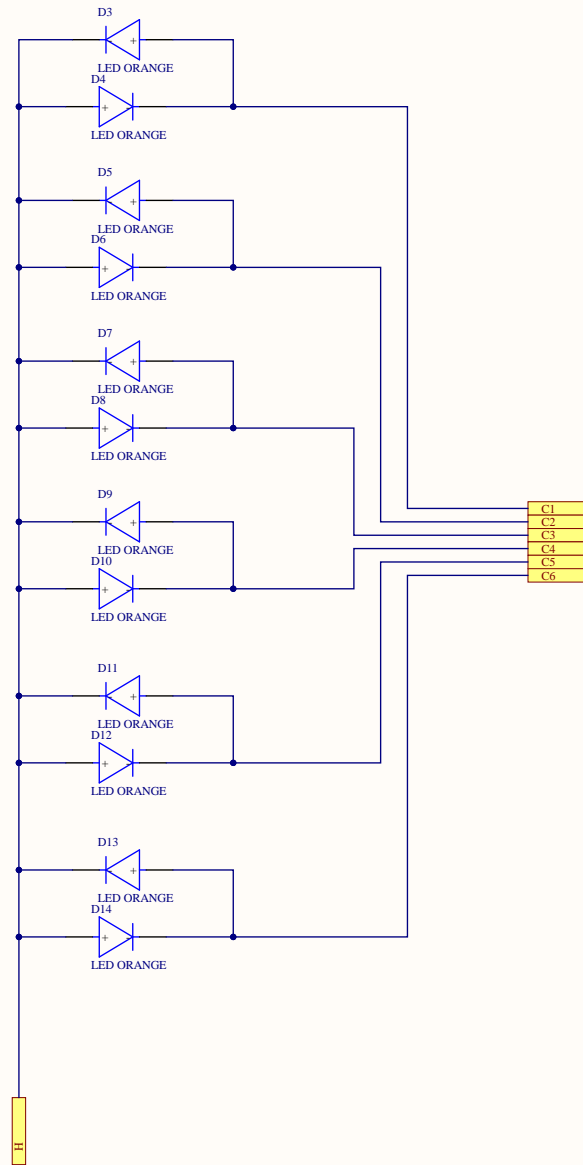
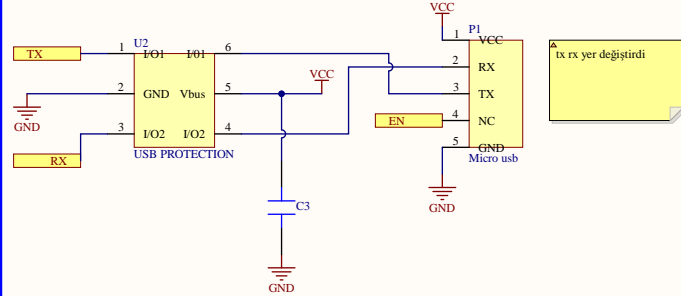
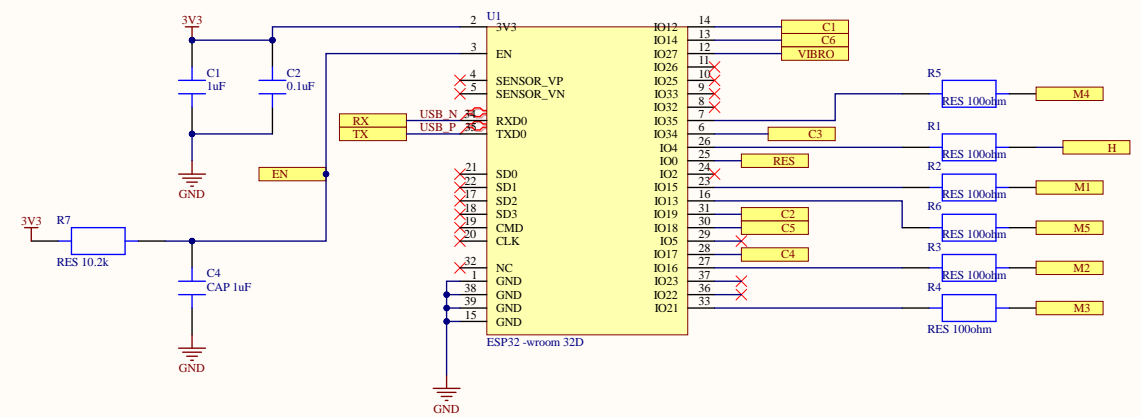


# Hour

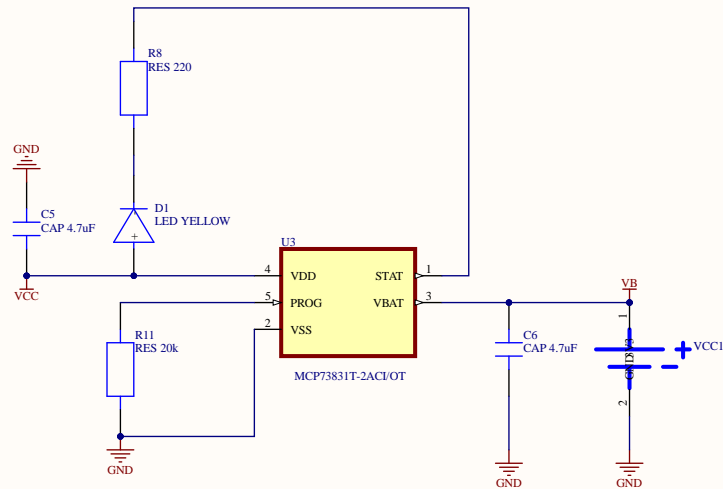




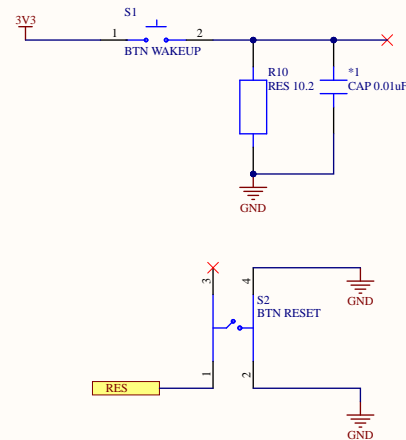
## ESP32 WROOM 32D



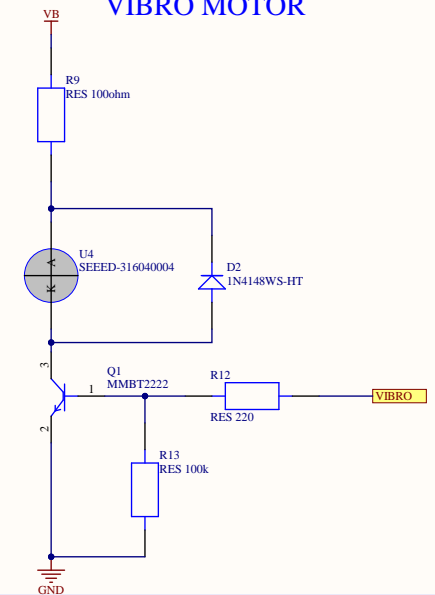
## CHARGE BATTERY



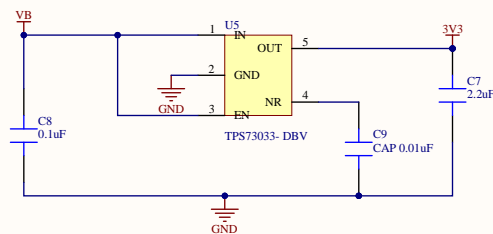
## BUTTONS



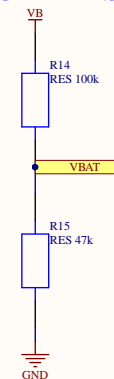
## VIBRO MOTOR



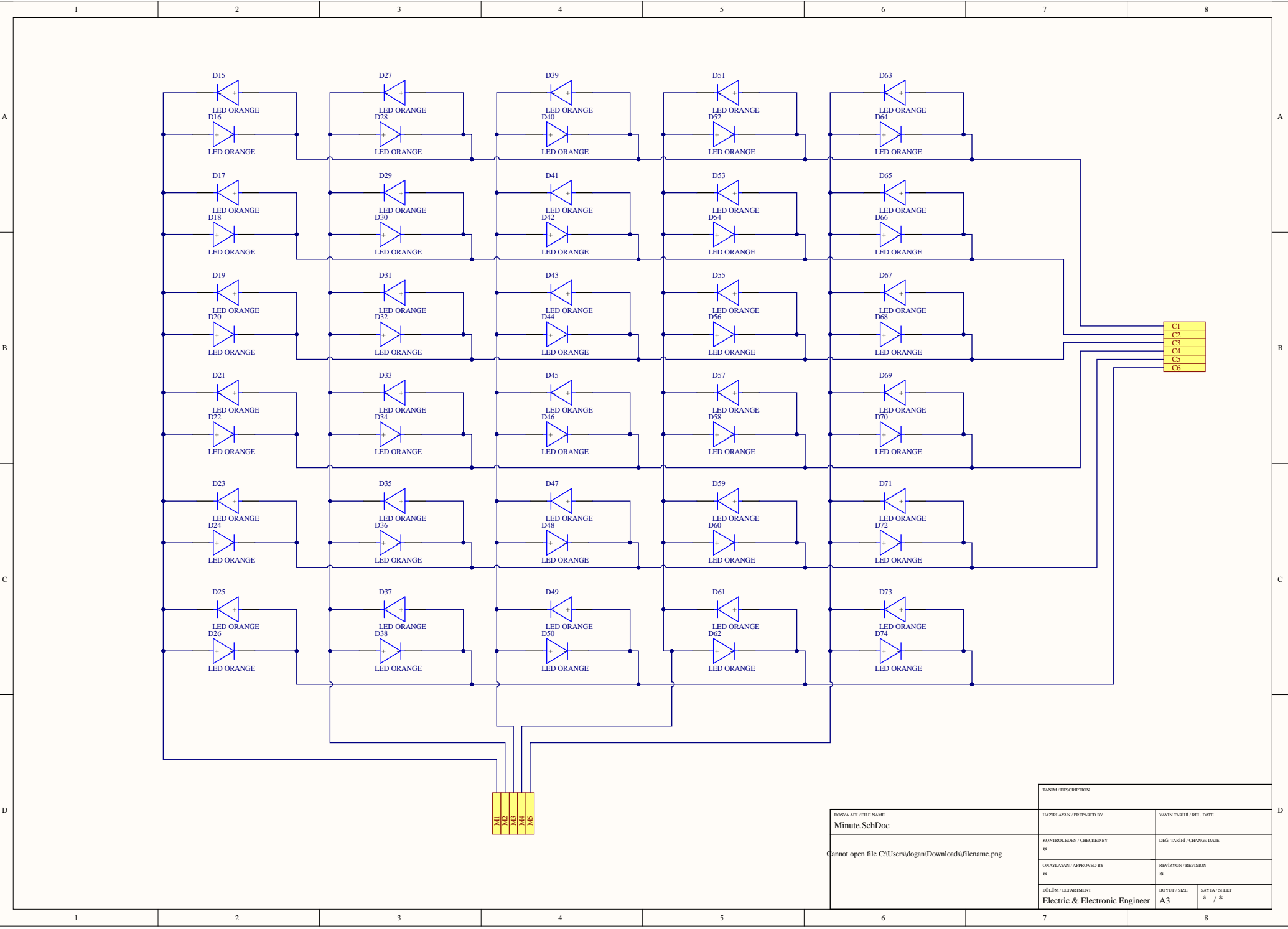
### 3V3 VOLTAGE REGULATOR



## VOLTAGE MEASUREMENT

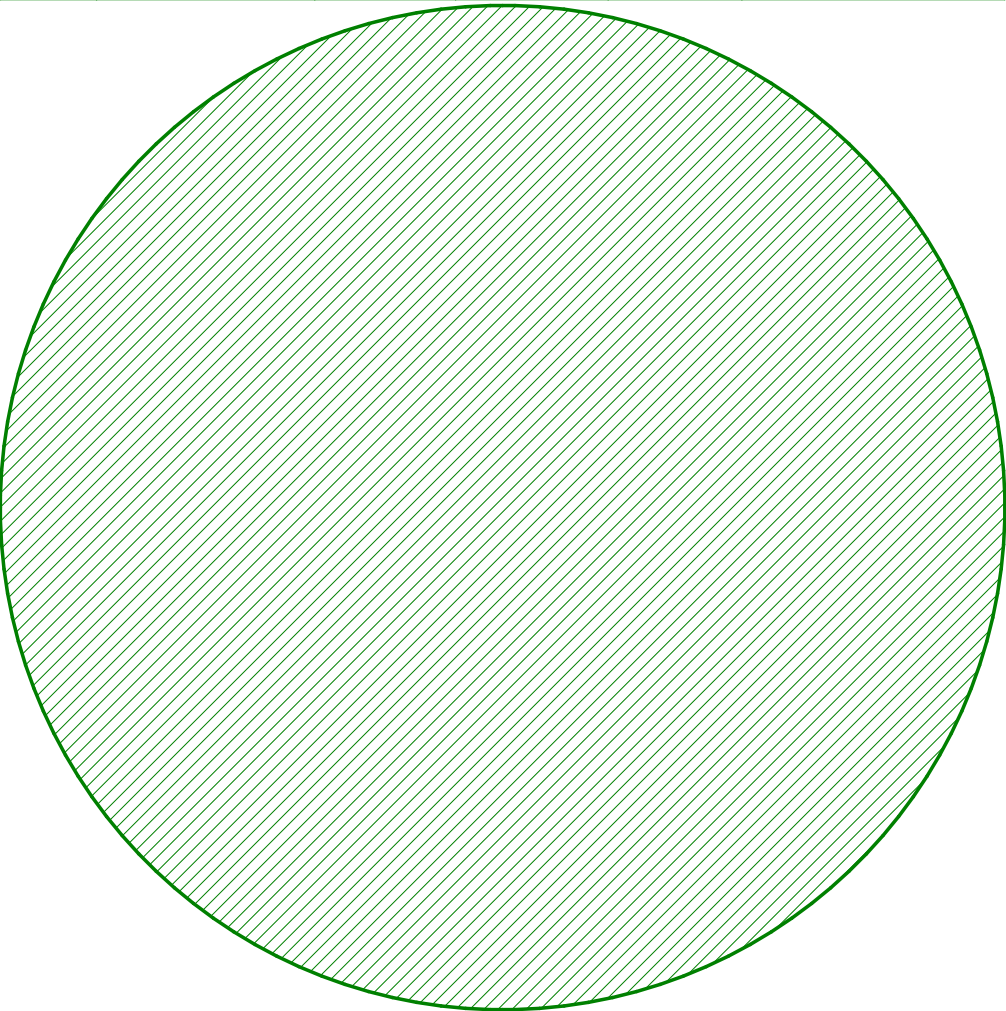
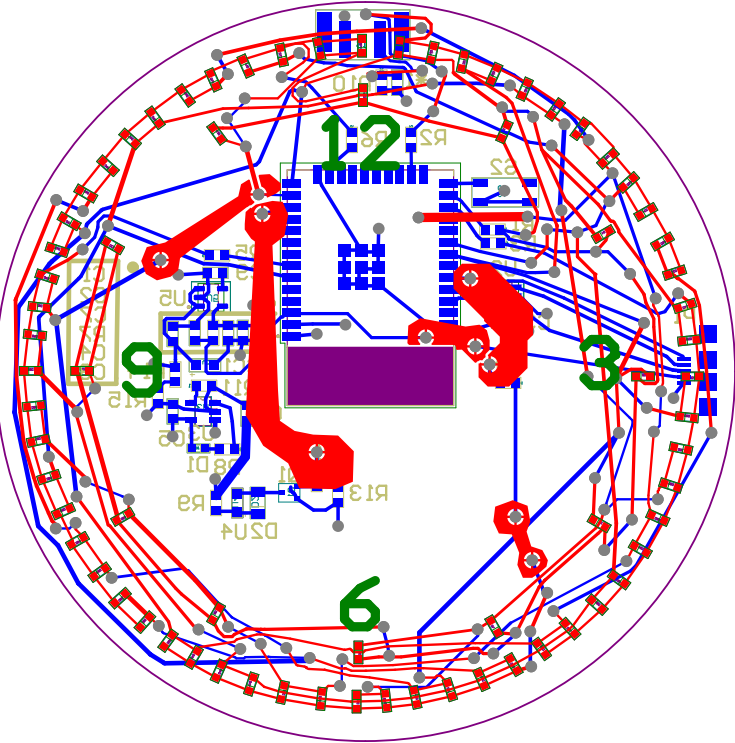


TANIM / DESCRIPTION	
DOSYA ADI / FILE NAME Microcontrol.SchDoc	HAZIRLAYAN / PREPARED BY YAVIN TARIHI / REL. DATE
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	DEĞ. TARİHİ / CHANGE DATE
	ONAYLAYAN / APPROVED BY *
REVİZYON / REVISION *	
BÖLÜM / DEPARTMENT Electric & Electronic Engineer	BOYUT / SIZE A3
	SAYFA / SHEET * / *



DOSYA ADI / FILE NAME		TANIM / DESCRIPTION	
Minute.SchDoc		HAZIRLAYAN / PREPARED BY	YAYIN TARİHİ / REL. DATE
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		ONAYLAYAN / APPROVED BY	REVİZYON / REVISION
		BÖLÜM / DEPARTMENT	BOYUT / SIZE
Electric & Electronic Engineer		A3	SAYFA / SHEET

Layer	Name	Material	Thickness	Constant	Board Layer Stack
	Top Overlay				
	Top Solder	SM-001	1.00mil	4	
1	Top Layer	Copper	1.38mil		
	Dielectric 1	PP-017	5.10mil	4.3	
	Dielectric 2	PP-017	5.10mil	4.3	
2	Int1 (GND)	Copper	1.38mil		
	Dielectric 3	Core-039	28.00mil	4.8	
3	Int2 (PWR)	Copper	1.38mil		
	Dielectric 4	PP-017	5.10mil	4.3	
	Dielectric 5	PP-017	5.10mil	4.3	
4	Bottom Layer	Copper	1.38mil		
	Bottom Solder	SM-001	1.00mil	4	
	Bottom Overlay				



# Board Stack Report