

		Sl.No	Component	Mouser part no / link	
		1	STM32L152 Discovery board	511-STM32L-DISCOVERY	
		2	Pulse sensor	http://pulsesensor.com/	
		3	LM35 temperature sensor	Amazon	
		4	LB060X02 eink display	Ali Express	
		Capacitors			
		5	C1- 1uF C0603	581-06033C105KAT2A	
		6	C2- 1uF C0603	581-06033C105KAT2A	
		7	C3- 100nF C0402	81-GRM155R71H104KE4D	
		8	C4- 100nF C0402	81-GRM155R71H104KE4D	
		9	C5- 10nF C0603	77-VJ0603Y103KXACBC	
		10	C6- 1uF 1210	603-CC121KKX7R8BB105	
		11	C7- 100nF 0402	81-GRM155R71H104KE4D	
		12	C8- 100nF 0402	81-GRM155R71H104KE4D	
		13	C9- 100nF 0402	81-GRM155R71H104KE4D	
		14	C10- 100nF 0402	81-GRM155R71H104KE4D	
		15	C11- 100nF 0402	81-GRM155R71H104KE4D	
		16	C12- 1uF 0603	581-06033C105KAT2A	
		17	C13- 6.8pF 0603	710-885012006050	
		18	C14- 6.8pF 0603	710-885012006050	
		19	C15- 100nF C0402	81-GRM155R71H104KE4D	
		20	C16- 100nF C0402	81-GRM155R71H104KE4D	
		21	C17- 100nF C0402	81-GRM155R71H104KE4D	
		22	C18- 100nF C0402	81-GRM155R71H104KE4D	
		23	C19- 100nF 0402	81-GRM155R71H104KE4D	
		24	C26- 4.7uF 0805	81-GRM21BC81E475KA12	
		25	C27- 1uF 0805	603-CC805KKX7R8BB105	
		26	C28- 4.7uF 0805	81-GRM21BC81E475KA12	
		27	C29- 4.7uF 0805	81-GRM21BC81E475KA12	
		28	C30- 4.7uF 0805	81-GRM21BC81E475KA12	

		29	C31- 4.7uF 0805	81-GRM21BC81E475KA12	
		Resistors			
		30	R1- 10K 0402	667-ERJ-2RKF1002X	
		31	R2- 10K 0402	667-ERJ-2RKF1002X	
		32	R3- 510R 2512	667-ERJ-1TYJ511U	
		33	R4- 330R 2512	667-ERJ-1TYJ331U	
		34	R5- 1K 0402	667-ERJ-2RKF1001X	
		35	R18- 47K 0402	667-ERJ-2GEJ473X	
		36	R19- 10K 0402	667-ERJ-2RKF1002X	
		37	R20- 10K 0402	667-ERJ-2RKF1002X	
		38	R21- 10K 0402	667-ERJ-2RKF1002X	
		39	R22- 160K 0402	667-ERJ-2RKF1603X	
		40	R23- 12K 0402	667-ERJ-2GEJ123X	
		41	R24- 200K 0402	667-ERJ-2GEJ204X	
		42	R25- 10K 0402	667-ERJ-2RKF1002X	
		43	R26- 10K 0402	667-ERJ-2RKF1002X	
		44	R27- 10K 0402	667-ERJ-2RKF1002X	
		45	RV2- 10K 3223G	667-ERJ-2RKF1002X	
		Diodes			
		46	D1- BAT60J SOD323	726-BAT60AE6327HTSA1	
		47	D2- BAT60J SOD323	726-BAT60AE6327HTSA1	
		48	D4- SOD323 (Farnel 2295711)	833-1N4148WX-TP	
		Others			
		49	L1- fcm1608-0603	810-MLF2012E100J	
		50	L4- 10uH 2012C	810-MLF2012E100J	
		51	L5- 10uH 2012C	810-MLF2012E100J	
		52	LED PWR- Green 0603	710-150060VS75000	
		53	LED 1- Green 0603	710-150060VS75000	
		54	S1- DTSM6	642-ADTSM61NVTR	
		55	LM358D- SO08	595-LM358AD	
		56	LT3463- DFN10	Element 14	
		57	LM78L15- SO08	926-LM78L15ACMX/NOPB	

		58	LM79L15- SO08	926-LM79L15ACMX/NOPB	
		59	STM32L152RCT6 - LQFP64	511-STM32L152RCT6	
		60	Q1- MC306-G-06Q-32.768	732-MC30632.7680KA0R	
		61	LD3985M33R - SOT23	511-LD3985M33R	
		FPC			
		62	FPC cable 39C 0.3mm pitch 10"	Digikey	
		63	8" cable (optional)	Digikey	
		64	6" cable (optional)	538-15015-0639	
		65	39pin FPC 0.3mm extension adapt	Ali Express	