

Designator	Quantity	Comment	Value
C1, C3	2	18pF	18pF
C2, C4, C7, C8, C22, C31, C35, C38, C46, C52, C53, C54	12	2.2uF	2.2uF
C5, C9, C12, C14, C15, C16, C17, C19, C20, C33, C40, C44, C57	13	100nF	100nF
C10, C11, C13	3	4.7nF	4.7nF
C18	1	150uF	150uF
C23	1	1000uF	1000uF
C24	1	150uF/6.3V	150uF/6.3V
C25	1	100pF	100pF
C26	1	100nF	100nF
C27	1	1nF	1nF
C28, C32	2	1000uF	1000uF
C29	1	10nF	10nF
C30	1	6.8nF	6.8nF
C34	1	120pF	120pF
C36	1	22nF	22nF
C37	1	100uF	100uF
C43	1	15nF	15nF
C47	1	1uF	DNI
C51, C55	2	10uF	10uF
C56	1	220uF/16V	220uF/16V
C58	1	100uF	100uF
D1, D2	2	FSV330AF	?
D3, D4	2	1N5819	?
H1	1	JTAG	
L1, L2	2	10uH	10uH
L4	1	22uH	22uH
LED1, LED5	2	LEDR	?
LED2, LED4	2	LEDY	?
LED3	1	LEDG	?
P1, P2, P3, P4, P5	5	UART, Enc, HallSense, Header 3, Header 3	
PWR1, PWR2	2	Terminal2	?
Q1, Q2, Q3, Q4, Q5, Q6	6	IRFS7530	
R1, R2, R11, R12, R13	5	560	560
R3, R4, R9, R10, R14, R15, R16, R31, R32, R33, R49, R51	12	330	330
R5, R7, R8	3	4.7K	4.7K
R6	1	1K	1K
R17, R18, R21, R23, R27, R28	6	4.7	4.7
R19, R20, R22, R24, R29, R30	6	39K	39K
R25, R26	2	0.001	0.001
R34	1	DNI	DNI
R35, R36, R38, R40	4	10K	10K
R37	1	330K	330K
R39	1	15K	15K
R41	1	10	10
R42	1	1	1
R43	1	220K	220K
R44	1	3.3K	3.3K
R45, R47	2	18K	18K
R46	1	1M	1M
R48, R50	2	180	180
S1	1	SW_TACT	
U1	1	STM32F207VCT6	
U2	1	1117-3.3	
U4	1	DRV8302	
X1	1	8MHz	8MHz