

Top Side Total 29 parts detected | 27 Parts confirmed | 1 parts to be confirmed | 1 parts not selected

Uploaded BOM Data			Review Matched Parts			
Top Designator	Comment	Footprint	Matched Part Detail	Qty	Source	Lib Typ
LDO1	LDFM	DFN6-3X3	LD39050PU33R C132827 500mA 65dB@(1kHz),62dB@(10kHz) 400mV@(...	2	JLCPCB	Extend
C1,C8,C11,C12,C1...	10uF	C1206K	CL31A106KBHNNNE C13585 50V 10uF X5R ±10% 1206 Multilayer Ceramic Ca...	18	JLCPCB	Basic
C2,C4	0.1uF	C0603K	CC0603KRX7R9BB104 C14663 50V 100nF X7R ±10% 0603 Multilayer Ceramic ...	4	JLCPCB	Basic
C27,C31,C32	100nF	C0402K	CL05B104K05NNNC C1525 16V 100nF X7R ±10% 0402 Multilayer Ceramic ...	6	JLCPCB	Basic
C5	47nF	C0402K	0402CG470J500NT C1567 50V 47pF C0G ±5% 0402 Multilayer Ceramic Ca...	2	JLCPCB	Basic
C3	22uF	C0603K	CL10C220JB8NNNC C1653 50V 22pF C0G ±5% 0603 Multilayer Ceramic Ca...	2	JLCPCB	Basic
D1		SOD123	MBR0580S1-7 C177047 80V 800mV@500mA 500mA SOD-123 Schottky ...	5	JLCPCB	Extend
R1	54.9k	R0402	AC0402FR-0754K9L C227137 62.5mW Thick Film Resistors 50V ±100ppm/°C ...	30	JLCPCB	Extend
C9	4.7uF	C0402K	CL05A475MP5NNRC C23733 10V 4.7uF X5R ±20% 0402 Multilayer Ceramic C...	2	JLCPCB	Basic
C17	0.1uF	C1206K	CL31B104KBCNNNC C24497 50V 100nF X7R ±10% 1206 Multilayer Ceramic ...	2	JLCPCB	Basic
VREFCAP	100nF	C0402K	0402WGF1000TCE C25076 62.5mW Thick Film Resistors 50V ±1% ±200pp...	2	JLCPCB	Basic
R5,R22	200	R0402	0402WGF2000TCE C25087 62.5mW Thick Film Resistors 50V ±100ppm/°C ...	4	JLCPCB	Basic
R6,R7,R10,R11,R1...	2.2	R0402	0402WGJ022JTCE C25158 62.5mW Thick Film Resistors 50V ±5% ±200pp...	30	JLCPCB	Extend
R2,R3,R4,R27	10k	R0402	0402WGF1002TCE C25744 62.5mW Thick Film Resistors 50V ±100ppm/°C ...	8	JLCPCB	Basic
R26	150k	R0402	0402WGF1503TCE C25755 62.5mW Thick Film Resistors 50V ±100ppm/°C ...	2	JLCPCB	Basic
R14,R15	4.7k	R0402	0402WGF4701TCE C25900 62.5mW Thick Film Resistors 50V ±100ppm/°C ...	4	JLCPCB	Basic
L1	22uH	SDR0302	CY43-22UH C2929420 600mA 22uH ±10% 270mΩ SMD-2P,4x4.5mm In...	5	JLCPCB	Extend
C41	100nF	C0402	CL05B104KB54PNC C307331 50V 100nF X7R ±10% 0402 Multilayer Ceramic ...	2	JLCPCB	Basic
Q7,Q8,Q9,Q10,Q11...	AON7544	AON7544	AON7544 C315567 30V 30A 23W 5mΩ@10V,20A 2.2V@250uA N Ch...	12	JLCPCB	Extend
C6	1uF	C0603K	0603CG1R0C500NT C37117 50V 1pF C0G ±0.25pF 0603 Multilayer Ceramic ...	20	JLCPCB	Extend
R8,R9	0.001	R1210	PMR25HZPFV1L00 C509735 1W 1mΩ ±100ppm/°C ±1% 1210 Current Sense ...	4	JLCPCB	Extend
C21	1uF	C0402	CL05A105KA5NQNC C52923 25V 1uF X5R ±10% 0402 Multilayer Ceramic Cap...	6	JLCPCB	Basic
C7,C10	1uF	C0402K	CL05A105KA5NQNC C52923 25V 1uF X5R ±10% 0402 Multilayer Ceramic Cap...			
C19,C20	22uF	C0603K	CL10A226MQ8NNRC C59461 6.3V 22uF X5R ±20% 0603 Multilayer Ceramic C...	4	JLCPCB	Basic
U1	STM32F446R...	TQFP64	STM32F446RET6 C69336 128KB 512K@x8bit 1.7V~3.6V -40°C~+85°C AR...	2	JLCPCB	Extend
DRV1	DRV8323RH	QFN50P700X70...	DRV8323HRTAR C701783 WQFN-40 Motor Driver ICs ROHS	0	JLCPCB	Extend
XT1	CSTCE	CSTCE	CSTCE8M00G55-R0 C70457 SMD3213-3P Ceramic Resonators ROHS	5	JLCPCB	Extend
LED1,LED2	G	LED-0603	19-217/BHC-ZL1M2RY/3T C72041 5mA 468nm Colorless transparence -40°C~+85...	4	JLCPCB	Basic
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