

Comment	Description	Designator	Footprint	LibRef	Quantity
CAP ALUM 100UF 20%	CAP ALUM 100UF 20%	C?	RADIAL_CORNELL_D	35TKV100M8X10.5	1
35V SMD	35V SMD	· · · · · · · · · · · · · · · · · · ·	IVIDI/IL_OOKIVEEL_D		'
CAP CER 0.1UF 25V	CAP CER 0.1UF 25V	C?	CAP0603	GCM188R71E104KA57	8
X7R ±10% 0603	X7R ±10% 0603		0.11.0000	D	, and the second
	CAP CER 1UF 25V X7R	C?	CAP0805	GCM21BR71E105KA56	1
±10% 0805	±10% 0805			L	
CAP CER 4.7UF 25V	CAP CER 4.7UF 25V	C?	CAP0603	GRM188C81E475KE11	2
X6S ±10% 0603	X6S ±10% 0603			D	
CAP CER 10UF 50V	CAP CER 10UF 50V	C?	CAP0805	GRM21BR61H106KE43	7
X5R ±10% 0805	X5R ±10% 0805			CDN 44.00E041122214.04	
CAP CER 3300PF 50V	CAP CER 3300PF 50V	C?	CAP0603	GRM1885C1H332JA01	2
COG/NPO 0603	COG/NPO 0603			D	
	CAP CER 10000PF 50V	C?	CAP0603	C0603C103J5RAC7867	1
X7R 0603 DIODE GEN PURP	X7R 0603				
	DIODE GEN PURP	D?	SMC	S3J-FDICT-ND	1
600V 3A SMC	600V 3A SMC CONN SCREW				
CON_2POS_SCREW_T ERM		J?	1935161	1935161	2
	RATH				2
CONN HEADER VERT	CONN HEADER VERT				
7POS 2.54MM	7POS 2.54MM	J?	0022284070	0022032071	1
	FIXED IND 3.3UH 2.2A				
66 MOHM SMD	66 MOHM SMD	L?		SRN4018-3R3M	1
MOSFET N-CH 20V 6A					
SOT23-3L	SOT23-3L	Q?	SOT23-3	AO3420	1
MOSFET P-CH 38V	MOSFET P-CH 38V				
14A 8SOIC	14A 8SOIC	Q?	8-SOIC	AO4425	1
RES 0.01 OHM 1%	RES 0.01 OHM 1%			DE400/FDE070D04/	
1/4W 1206	1/4W 1206	R?	RES1206	PF1206FRF070R01L	1
RES 1K OHM 1%	RES 1K OHM 1%		DE00/00	D00 (00ED 074)()	
1/10W 0603	1/10W 0603	R?	RES0603	RC0603FR-071KL	2
RES 10K OHM 1%	RES 10K OHM 1%	DO.	DECO/02	DC0/03ED 0710VI	,
1/10W 0603	1/10W 0603	R?	RES0603	RC0603FR-0710KL	6
RES 30K OHM 1%	RES 30K OHM 1%	R?	DECOVOS	DC0703ED 0730VI	1
1/10W 0603	1/10W 0603	K!	RES0603	RC0603FR-0730KL	I
RES 100 OHM 1%	RES 100 OHM 1%	R?	RES0603	RC0603FR-07100RL	1
1/10W 0603	1/10W 0603	K!	RE30003	RCUOUSFR-U7 IUURL	I
435151014824	SMT 3.0 X 2.6 MM	S?	435151014824	435151014824	1
	TACT SWITCH WIT			433131014624	I
IC CURR SENSE 1	IC CURR SENSE 1	U?	SOT23-5	INA180B1IDBVT	1
CIRCUIT SOT23-5	CIRCUIT SOT23-5	U:	30123-3	IIVA 1000 IIDDV I	'
IC MCU 32BIT 512KB	IC MCU 32BIT 512KB	U?	STM LQFP64 N	STM32F446RET6	1
	FLASH 64LQFP	J.	311VI_LQ11 04_IV	JIIVIJZI TTUILLIU	'
IC REG BUCK ADJ 5A	IC REG BUCK ADJ 5A	U?	SOT23-6	TPS565201DDCR	1
TSOT23-6	TSOT23-6	<u> </u>	001200		'
	CRYSTAL 25.0000MHZ	Y?		ECS-250-10-37B-CTN-	1
10PF SMD	10PF SMD			TR	