

Comment	Description	Designator	Footprint	LibRef	Quantity
CAP CER 0.1UF 25V	CAP CER 0.1UF 25V	C1, C2, C7, C11, C13,		GCM188R71E104KA57	,
X7R ±10% 0603	X7R ±10% 0603	C14	CAP0603	D	6
CAP CER 3300PF 50V	CAP CER 3300PF 50V			GRM1885C1H332JA01	_
COG/NP0 0603	COG/NP0 0603	C3	CAP0603	D	1
CAP CER 10UF 50V	CAP CER 10UF 50V	C4, C5, C6	CAP0805	GRM21BR61H106KE43	
X5R ±10% 0805	X5R ±10% 0805			L	3
CAP CER 4.7UF 25V	CAP CER 4.7UF 25V	C8, C10	CAP0603	GRM188C81E475KE11	
X6S ±10% 0603	X6S ±10% 0603			D	2
CAP ALUM 100UF 20%	CAP ALUM 100UF 20%	С9	RADIAL_CORNELL_D	35TKV100M8X10.5	1
35V SMD	35V SMD				I
CAP CER 10000PF 50V	CAP CER 10000PF 50V	010	CADO/02	00/020102JEDA070/7	1
X7R 0603	X7R 0603	C12	CAP0603	C0603C103J5RAC7867	l l
CAP CER 1UF 25V X7R	CAP CER 1UF 25V X7R	C15	CADOOOF	GCM21BR71E105KA56	1
±10% 0805	±10% 0805	CIS	CAP0805	L	I.
DIODE GEN PURP	DIODE GEN PURP	D1	CMC	COLEDICT ND	1
600V 3A SMC	600V 3A SMC	D1	SMC	S3J-FDICT-ND	I
CON_2POS_SCREW_T	CONN SCREW				
ERM	TERMINAL 2X1 5MM	J1, J2	1935161	1935161	2
ERIVI	RA TH				
CONN HEADER VERT	CONN HEADER VERT	J3	0022284070	0022032071	1
7POS 2.54MM	7POS 2.54MM	13	0022204070	0022032071	ı
FIXED IND 3.3UH 2.2A	FIXED IND 3.3UH 2.2A	L1		SRN4018-3R3M	1
66 MOHM SMD	66 MOHM SMD	LI		3KIV4U10-3K3IVI	ı
MOSFET N-CH 20V 6A	MOSFET N-CH 20V 6A	Q1	SOT23-3	AO3420	1
SOT23-3L	SOT23-3L	QT	30123-3	AU3420	1
MOSFET P-CH 38V	MOSFET P-CH 38V	Q2	8-SOIC	AO4425	1
14A 8SOIC	14A 8SOIC	Q2	0-3010	AU4423	'
RES 1K OHM 1%	RES 1K OHM 1%	R1, R9	RES0603	RC0603FR-071KL	2
1/10W 0603	1/10W 0603	K1, K7	KL30003	RC0003FR-07 IKL	2
RES 10K OHM 1%	RES 10K OHM 1%	R2, R4, R5, R7, R10,	RES0603	RC0603FR-0710KL	6
1/10W 0603	1/10W 0603	R11	KE30003	RCOOOSI N-07 TOKE	O
RES 0.01 OHM 1%	RES 0.01 OHM 1%	R3	RES1206	PF1206FRF070R01L	1
1/4W 1206	1/4W 1206	110	NE31200	11 12001 NI 070NO IE	'
RES 30K OHM 1%	RES 30K OHM 1%	R6	RES0603	RC0603FR-0730KL	1
1/10W 0603	1/10W 0603		TE GOOD		· ·
RES 100 OHM 1%	RES 100 OHM 1%	R8	RES0603	RC0603FR-07100RL	1
1/10W 0603	1/10W 0603			THE GOOD IN OF TOOME	·
435151014824	SMT 3.0 X 2.6 MM	S1	435151014824	435151014824	1
	TACT SWITCH WIT				·
IC REG BUCK ADJ 5A	IC REG BUCK ADJ 5A	U1	SOT23-6	TPS565201DDCR	1
TSOT23-6	TSOT23-6				
IC CURR SENSE 1	IC CURR SENSE 1	U2	SOT23-5	INA180B1IDBVT	1
CIRCUIT SOT23-5	CIRCUIT SOT23-5				
IC MCU 32BIT 512KB	IC MCU 32BIT 512KB	U3	STM_LQFP64_N	STM32F446RET6	1
FLASH 64LQFP	FLASH 64LQFP				
CRYSTAL 8MHZ 12PF	8 MHz ±20ppm	V4		F00 00 10 00 10N 75	
SMD	Crystal 12pF 400	Y1		ECS-80-12-33-JGN-TR]
	Ohms 4-SMD			Į	