12/16/2022

Variant: [No Variations]

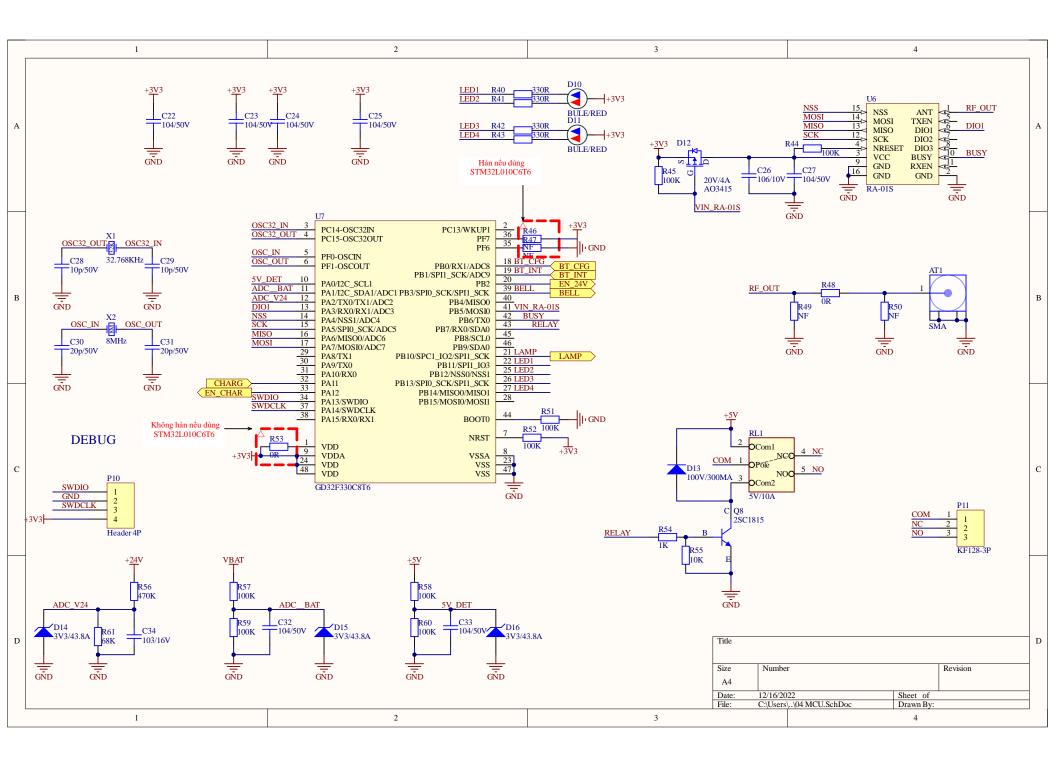
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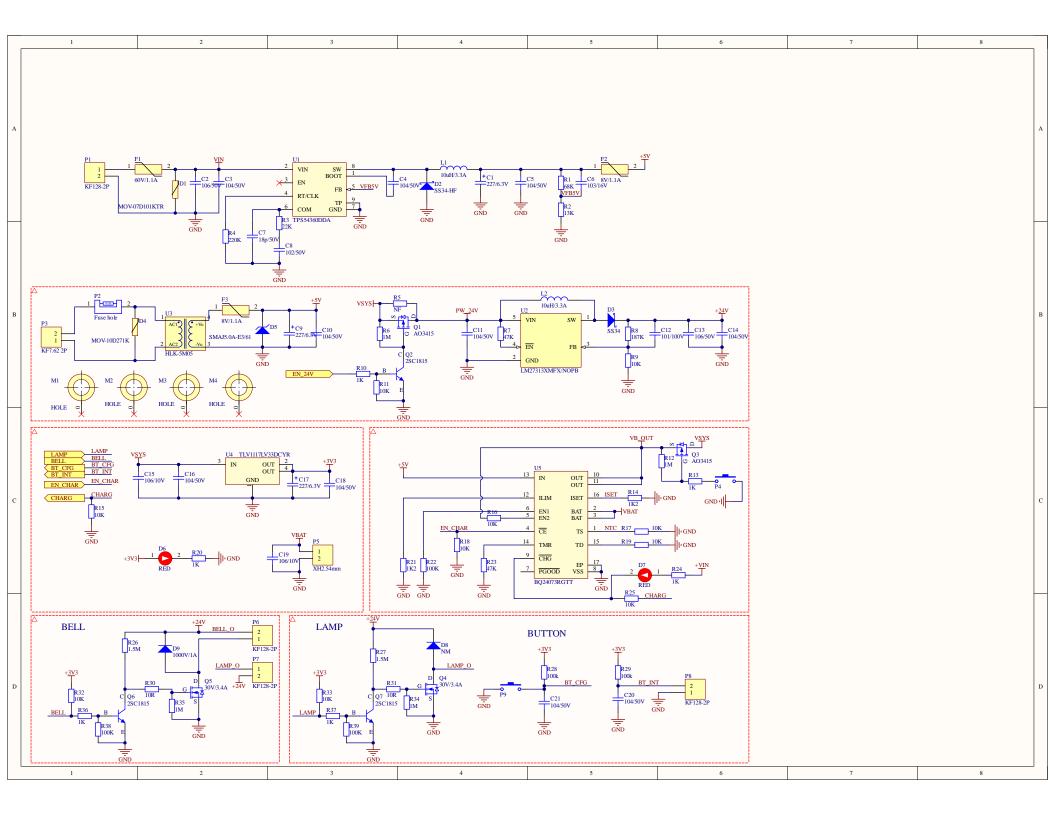
Version	Change Log
A00	Bổ sung chân điều khiển nguồn cho BOOST 24V ->

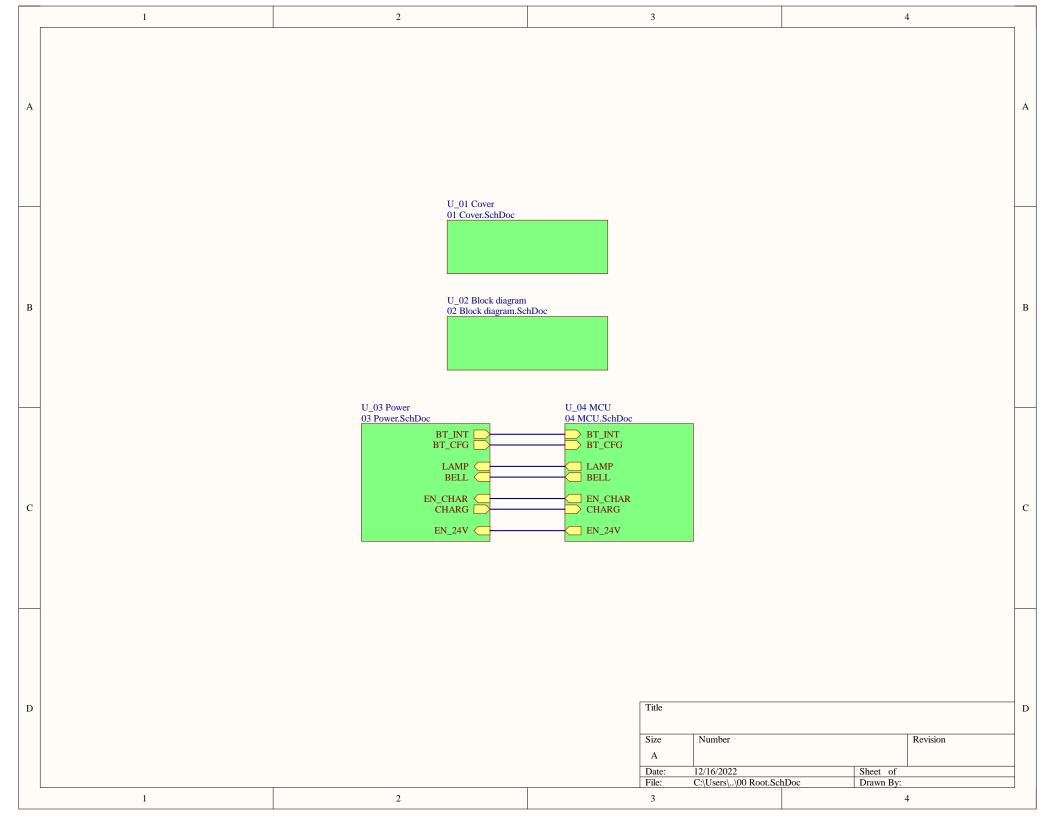
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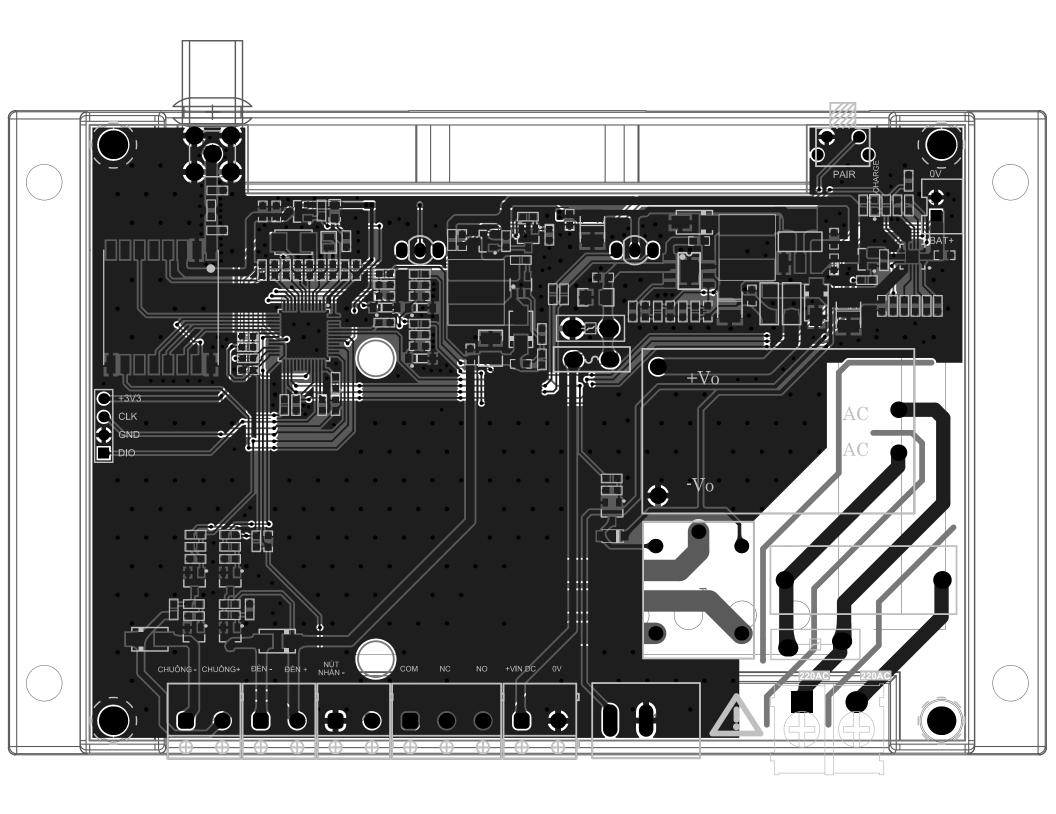
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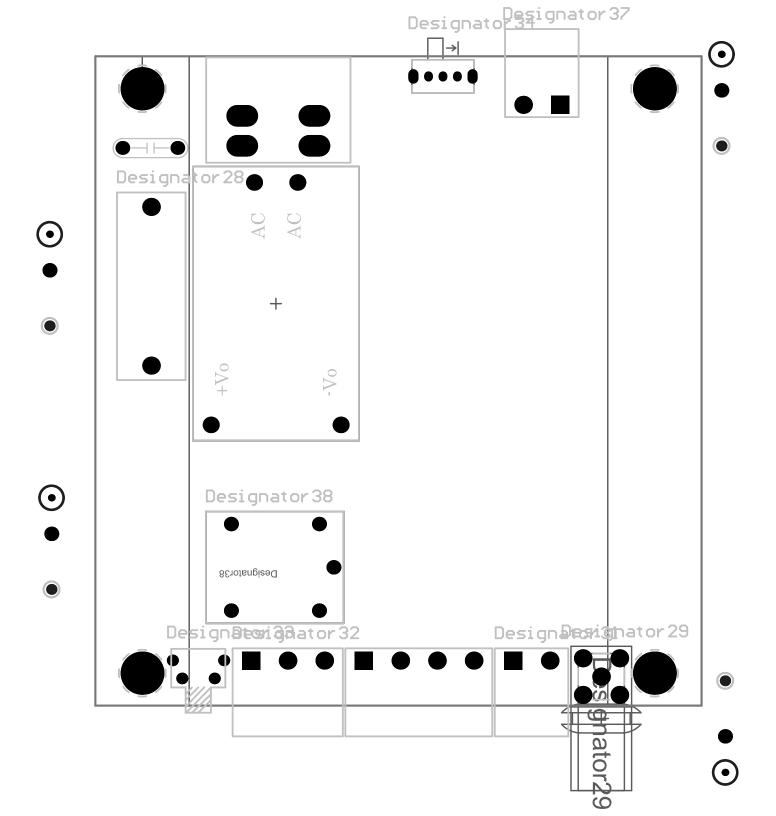
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	Description	Designator	Footprint	LibRef GKZS-SMAJZM-KWE-	Quantity
SMA	CAP TANT POLY	AT1	SMA-KWE-17-V1	17.3	
227/6.3V	220uF 20% 6.3V 3528 35mOhm ESR CAP CER 10UF 50V	C1, C9, C17	CAP_TANTAL_1210(3 528)	T520B227M006ATE03 5	
106/50V	X7R 1206	C2 C3, C4, C5, C10, C11,	CAPC-1206 (3216)	CL31B106KBHNNNE	
104/50V	CAP CER 0.1uF 50V 10% X7R 0603	C3, C4, C5, C10, C11, C14, C16, C18, C20, C21, C22, C23, C24, C25, C27, C32, C33	CAPC-0603 (1608) - HD	CO603C104K5RACTU	
103/16V	CAP CER 10nF 16V 10% X7R 0603	C6, C34	CAPC-0603 (1608) - HD	CC0603KRX7R7BB103	
18p/50V	CAP CER 18pF 5% 50V COG/NPO 0603	C7	CAPC-0603 (1608) - HD	CL10C18QJB8NNNC	
102/50V	CAP CER 1nF 50V 10% X7R 0603	C8	CAPC-0603 (1608) - HD	C0603C102K5RACTU	
101/100V	CAP CER 100PF 100V COG/NP0 0603	C12	CAPC-0603 (1608) - HD	CL10C101JC8NNNC	
106/50V	CAP CER 10uF 10% 50V X7R 1210 (3255)	C13	CAPC-1210 (3225)	GRM32ER71H106KA12 L	
106/10V	CAP CER 10uF 10% 10V X5R 0603	C15, C19, C26	CAPC-0603 (1608) - HD	CL10A106KP8NNNC	
10p/50V	CAP CER 10PF 50V NPO 0603	C28, C29	CAPC-0603 (1608) - HD	CL10C100JB8NNND	
20p/50V	CAP CER 20pF 5% 50V COG/NP0 0603	C30, C31	CAPC-0603 (1608) - HD	CL10C200JB8NNNC	
MOV-07D101KTR	VARISTOR 100V 1.2KA DISC 7MM	D1	MOV-07D101KTR	MOV-07D101KTR	
SS34-HF	DIODE SCHOTTKY 40V 3A SMA	D2	DIODE_DO214AC_SM A	SS34-HF	
SS34	DIODE SCHOTTKY 40V 3A SMA	D3	DIODE_DO214AC_SM A	SS34	
MOV-10D271K	Varistors 370pF 270volts 10%	D4	MOV-10D271K	MOV-10D271K	
SMAJ5.0A-E3/61	DIODE TVS 5VWM 9.2VC SMA	D6	DIODE_DO214AC_SM	SMAJ5.0A-E3/61	
RED RED	LED RED 0603 SMD LED 0603 RED	D6 D7	LED_0603_RED LED 0603	LED RED 0603 LED 0603 RED	
NM	DIODE GEN PURP 1KV 1A SMA	DB	DIODE_DO214AC_SM A	1N4007_SMA	
1000V/1A	DIODE GEN PURP 1KV 1A SMA	D9	DIODE_DO214AC_SM A	1N4007_SMA	
BULE/RED	LED DUAL COLOR BLUE/RED 3MM	D10, D11	LED_3MM_DUALCOL	LED BLUE/RED 3MM	
	COMMON ANODE MOSFET P-CH 20V 4A		OR SOT23 3		
20V/4A	SOT23 DIODE GEN PURP	D12		A03415	
100V/300MA	100V 300MA SOD123 TVS DIODE 3.3VWM	D13	SOD-123	1N4148-W-7	
3V3/43.8A	BVC CFP3 PTC RESET FUSE 60V	D14, D15, D16	SOD123	PTVS3V3S1UR,115	
60V/1.1A	1. 1A RADIAL FUSE PTC RESET 8V	F1	FUSE-RUEF300	RKEF110	
8V/1.1A	1.10A 1206 FIXED IND 10UH 3.3A	F2, F3	FUSE_1206(3216)	1206L110THYR	
10uH/3.3A KF128-2P	38 MOHM SMD KF128-2P 5.08MM	L1, L2 P1, P6, P7, P8	IND-74404084150 KF128 - 2P 5.08MM	SWPA8040S100MT KF128-2P 5.08MM	
Fuse hole	Fuse Holders ROHS Header, 2-Pin, pitch	P2	FUSE SOKCET	C3131	
KF7.62 2P KCD11	5.08mm Switch ON OFF	P3	KF7.62_2P KCD11	KF7.62 2P KCD11	
XH2.54mm	XH2.54mmm - 2P 180 degree	P5	XH2.54-2P	XH2.54-2P	
Button	Button 6x6xH (H=4.3-13mm)	P9	KFC-A06W1-6	KFC-A06W1-H	
Header 4P	Header, 4 Pin Pitch 2.54mm	P10	HDR1X4	Header 4x1	
KF128-3P	KF128-3P 5.08MM MOSFET P-CH 20V	P11	KF128 - 3P 5.08MM	KF128-3P 5.08MM	
A03415	3.7A SOT-23 TRANS NPN 50V	Q1, Q3	SOT23_3	IRLML6402TRPBF	
2SC1815	0.15A SOT23-3 MOSFET N-CH 30V	Q2, Q6, Q7, Q8	SOT23_3	2SC1815	
30V/3.4A	3.4A SOT23 RES SMD 68K OHM 1%	Q4, Q5	SOT23_3	IRLML6346TRPBF	
68K	1/10W 0603 RES SMD 13K OHM 1%	R1, R61	RESC-0603 (1608) - HD	CRCW060368K0FKEA	
13K	1/10W 0603 RES SMD 22K OHM 1%	R2	RESC-0603 (1608) - HD	AC0603FR-0713KL	
22K	1/10W 0603 RES SMD 220K OHM	R3	RESC-0603 (1608) - HD	RC0603FR-0722KL	
220K	1% 1/10W 0603 RES SMD 0.00HM	R4	RESC-0603 (1608) - HD	RC0603FR-07220KL	
NF	JUMPER 1/10W 0603 RES SMD 1M OHM 1%	R5, R46, R47, R49, R50	RESC-0603 (1608) - HD	RC0603FR-070RL	
1M	1/10W 0603 RES SMD 47K OHM 1%	R6, R12, R34, R35	RESC-0603 (1608) - HD	CRCW06031M00FKEA	
47K	1/10W 0603 RES SMD 150K OHM	R7, R23	RESC-0603 (1608) - HD	RC0603FR0747KL	
187K	1% 1/10W 0603	R8	RESC-0603 (1608) - HD	RC0603FR-07187KL	
10K	RES SIMD 10K OHM 1% 1/10W 0603, RES 10K OHM 1% 1/10W 0603	R9, R11, R15, R16, R17, R18, R19, R25, R32, R33, R55	RESC-0603 (1608) - HD	RC0603FR-0710KL	
1K	RES SMD 1 KOHM 1% 1/10W 0603	R10, R13, R20, R24, R36, R37, R54	RESC-0603 (1608) - HD	RC0603FR-071KL	
1K2	RES SMD 1.2K OHM 1% 1/10W 0603	R14, R21	RESC-0603 (1608) - HD	RC0603FR-071K2L	
100K	RES SIMD 100K OHM 1% 1/10W 0603	R22, R28, R29, R38, R39, R44, R45, R51, R52, R57, R58, R59,	RESC-0603 (1608) - HD	RC0603FR-07100KL	
1.5M	RES SMD 1.5M OHM	R60 R26, R27	RESC-0603 (1608) - HD	RC0603FR-071M5L	
10R	1% 1/10W 0603 RES SMD 10 OHM 1% 1/10W 0603	R30, R31	RESC-0603 (1608) - HD		
330R	1/10W 0603 RES SMD 330 OHM 1% 1/10W 0603	R40, R41, R42, R43	RESC-0603 (1608) - HD	RC0603FR-07330RL	
	1/10W 0603 RES SMD 0.00HM JUMPER 1/10W 0603	R48, R53	RESC-0603 (1608) - HD	RC0603FR-070RL	
OR	RES SMD 470K OHM	R56	RESC-0603 (1608) - HD	RC0603FR-07470KL	
0R 470K	194 1/100/04/09	NJO			
	1% 1/10W 0603 SRD-05VDC-SL-C Relay 5V DC 10A 1 FORM C	RL1	RELAY 5V	Relay 5V	
470K	SRD-05VDC-SL-C Relay 5V DC 10A 1		RELAY 5V SOIC8 - TP	Relay 5V TPS54360DDAR	
470K 5V/10A	SRD-05VDC-SL-C Relay 5V DC 10A 1 FORM C IC REG BCK SPLIT RAIL ADJ 8SOPWR IC REG BOOST ADJ	RL1		-	
470K 5V/10A TPS54360DDA	SRD-05VDC-SL-C Relay 5V DC 10A 1 FORM C IC REG BCK SPLIT RAIL ADJ 8SOPWR	RL1	SOIC8 - TP SOT23-5	TPSS4360DDAR LM27313XMFX/NOPB	
470K 5V/10A TPSS4360DDA LM27313XMFX/NOPB HLK-5M05	SRD-05VDC/SL-C Relay SV DC 10A 1 FORM C IC REG BOX SPLIT RAIL ADJ 8SOPWR IC REG BOOST ADJ 800MA SOT23-5 Ultra-compact module power SV/SW	RL1 U1 U2 U3	SOIC8 - TP SOT23-5 HLK-SM12	TPSS4360DDAR LM27313XMFX/NOPB HLK-5M05	
470K 5V/10A TPSS4360DDA LM27313XMFX/NOPB	SRD-05VDC-SL-C Relay SV DC 10A 1 FORMC IC REG BOX SPLIT RAIL ADI SSOPWR IC REG BOOST ADI BOOMA SOT23-5 Ultra-compact module power SV/SW IC REG LINEAR 3.3V 1A SOT223-4	RL1 U1 U2	SOIC8 - TP SOT23-5	TPSS4360DDAR LM27313XMFX/NOPB	
470K 5V/10A TPSS4360DDA LM27313XMFX/NOPB HLK-5M05	SRD-05VDC-SL-C Relay 5V DC 10A 1 FORMAC IC REG BCK SPLIT RAIL ADJ 8SOPWR IC REG BOOST ADJ 800MA 50T23-5 Ultra-compact module power 5V/SW IC REG LINBAR 3.3V 1A SOT223-4 IC LI-ION	RL1 U1 U2 U3	SOIC8 - TP SOT23-5 HLK-SM12	TPSS4360DDAR LM27313XMFX/NOPB HLK-5M05	
470K 5V/10A TPSS4360DDA LM27313XMFX/NOPB HLK-SM05 TLV1117LV33DCVR	SRD-GNDC-SL-C Relay SV DC 10A 1 FORMAC IC REG BOX SPLIT RAIL AND ISSOPWA IC REG BOOST ADJ 800MA SO1723-5 Ultra-compact module power SV/SW IC REG LINEAR 3.3V 1A SO7223-4 IC ULT-IOX CULT-IOX CHARGE/PWR MGMT 16-GRN Module Iora RA-01S	RL1 U1 U2 U3	SOIC8 - TP SOT23-5 HEK-5M12 SOT-223-4	TPSS4360DDAR LM27313XMFX/NOPB HLK-5M05 TLV1117LV33DCYR	
470K 5V/10A TPS5436/0DDA LM27313XMFX/NOPB HLK-SM05 TLV1117LV33DCVR BO24073RGTT	SED-GMDC-SL. C Relay SV DC 10A 1 FORMC IC REG BOUST AD J ADJ ISSOPWIR IC REG BOUST AD J BOUMA SOT25-5 Ultra-compact module power SV/SW IA SOT225-4 IC LI-ION CHARGE/PWR MGMT IO-GMN Module Iora RA-015 SX1288 JAMP COTTEX*-M4 32- bit MCU-64K Flash BK RAMP COTTEX*-M4 32- bit MCU-64K Flash BK RAMP	RL1 U1 U2 U3 U4 U5	SOIC8 - TP SOT23-5 HELK-SM12 SOT-223-4 RGT16-1700X1700TP Lora1276 V1.2 LOFP-48	TPSS4260DDAR LM27313XMFX/NOPB HEK-SM05 TLV1117LV33DCVR B024073RGTT RA-01S G032F330C8T6	
470K 5V/10A TPSS43600DA LM27313XMFX/NOPB HLK-SM05 TLV1117LV33DCYR BIO24073RGTT RA-01S	SRI-OBVIC-SLC SRI-OBVIC-SLC IC REG BOX SPUT RAIL ADI SEOPUR IC REG BOX SPUT RAIL ADI SEOPUR IC REG BOX SPUT RAIL ADI SEOPUR IC REG BOX SPUT RAIL CO REG LINEAR 3.3V IA SOTZ23-4 IC LI-LION CHARSE/PWR MGMT IG-CIRC MODULE IOTS RA-015 SXT1288 ARMY COTTEX*-MA 32- BARMY COTTEX*-MA 32- BARMY COTTEX*-MA 32- BARMY COTTEX*-MA 32- BARMY COTTEX*-MA 32- BIX INCU 64R Flash BK INCU 64R Flash BK	RL1 U1 U2 U3 U4 U5 U6	SOIC8 - TP SOT23-5 Hilk-SM12 SOT-223-4 RGT16-1700X1700TP Lora1276 V1.2	TPSS4360DDAR LM27313XMFX/NOPB HLK-5M05 TLV1117LV33DCVR BQ24073RGTT RA-01S	