NTC PN	QTY	PARTS	VALUE	DESCRIPTION	FOOTPRINT	TOLERANCE	MFG	MFG Part Number
				PCBA Components				
100313	2	R1, R9	100K	RES THICK FILM SMD 100K Ohm 1/16W 5% RoHS 0603	R0603	±5%	YAGEO	RC0603JR-07100KL
100314	6	C2, C3, C6, C8, C9, C10	0.1uF	CAP CER 0.1UF 16V X7R 0603	C0603	±10%	YAGEO	CC0603KRX7R7BB104
100315	3	C4, C5, C7	10uF	CAP CER 10UF 50V X5R 1206	C1206	±10%	SAMSUNG	CL31A106KBHNNNE
100318	2	R7, R11	10K	RES SMD 10K OHM 5% 1/10W 0603	R0603	±5%	PANASONIC	ERJ-3GEYJ103V
100319	1	R3	11.5K	RES SMD 11.5K OHM 1% 1/10W 0603	R0603	±1%	YAGEO	RC0603FR-0711K5L
100333	1	R2	196K	RES SMD 196K OHM 1% 1/10W 0603	R0603	±1%	YAGEO	RC0603FR-07196KL
100321	7	R4, R5, R6, R10, R12, R16, R17	4.7K	RES SMD 4.7K OHM 5% 1/10W 0603	R0603	±5%	PANASONIC	ERJ-3GEYJ472V
100323	1	C1	220pF	CAP CER 220PF 50V NPO 0603	C0603	±5%	YAGEO	CL10C221JB8NNNC
100332	1	R13	1.2K	RES SMD 1.2K OHM 5% 1/10W 0603	R0603	±5%	YAGEO	RC0603JR-071K2L
100250	2	U13, U14	98401-801-40LF	Bergstik 40pin Board Guide Header	Headers	-	FCI	带柱2*20pin贴片
100191	1	U3	DS2431P	IC, 1024-Bit, 1-Wire EEPROM, TSOC6	TSOC6	-	MAXIM	DS2431P+T&R
100220	1	X1	FH12-40S-0.5SH	CON ffc smd, bottom contact 40pos, 0.50mm R/A	FFC	-	FCI	国产fpc 0.5 40pin
100193	1	U1	LMR62421	dc/dc step up, 2.1A, 1.6mhz, SOT-23-5	SOT23-5	-	TI	LMR62421XMFE/NOPB
100195	1	J3	S2B-PH-SM4-TB	2 pin con, 2MM RA, SMD	S2B-PH-SM4-TB	-	JST	国产ph2.0
100196	1	L1	SRN6045-100M	power inductor 10uH 2.5A 58.6 mohm	SRN6045	±20%	BOURNS	国产SPN6045-100M
100197	1	U2	TCA8418RTWR	Keypad/IO I2C expander, 8 rows 10 columns	WQFN24	-	TI	TCA8418RTWR
100198	1	D1	B240A	DIODE SMD General Purpose 400V 1A 1.4W RoHS DO-214A	DO-214AC	-	DIODES	B240A-13-F
100338	17	ESD1-17	SESD3.3	TVS DIODE 3.3VWM 10.9VC SOD523	SOD523		-	SESD5Z3.3
100329	2	Q3, Q4	dmg3415u	MOSFET P-CH 20V 3.7A SOT23-3	SOT-23-3	-	DIODES	DMG3415U
100331	1	Q1	PDTC114YU	TRANS PREBIAS PNP 200MW UMT3	SOT-323	-	NXP	PDTC114YU115
100330	1	Q2	PDTA114YU115	TRANS PREBIAS NPN 200MW UMT3	SOT-323	-	NXP	PDTA114YU115