

number	description	unit	quantity	tag no
1570500206	PCBA REV1.0 T31ZX+SC401AI+CMT2300A+MT7682MN+BAT32G135 Tapo C420S2(EU) REV1.0.0	PCS	1	
2118500082	IC Image Sensor CMOS 4M SC401AI 1/3 CRA15° NA CSP35 NA 3 -30~85°C	PCS	1	U17
2129500006	IC Load Switch TPS22918DBVR 1.0V-5.5V 2A 52mQ High Active SOT-23-6 Cu 2	PCS	1	U19
2148500056	IC T31ZX QFN88 Cu-Au 3	PCS	1	U7
2149500026	IC MCU ARM Cortex-M0 64MHz Flash 64KB SRAM 8KB 32bit BAT32G135GE40NB QFN LZ2/LY1 Cu 3	PCS	1	U15
2155500244	IC LDO TLV700F28-C5TR 2.8V/500mA SOT23-5 60dB Cu-Pd 3	PCS	1	U10
2155500254	IC LDO FP6185-12S5 1.2V/300mA SOT-23-5 65dB Cu 3	PCS	1	U12
2156500338	IC DC-DC MP1601GTF Buck Converter 2.3-5.5V 0.6V 1A 2.2MHz PSM&PWM SOT563 NA	PCS	1	U2
2156500370	IC DC-DC SY7011A Boost Converter 0.85-5.5V 1way 1.8V-5.5V 1A 1Mhz SOT-23-6 Cu 1	PCS	1	U84
2156500392	IC DC-DC JW5250ASOTA#TR Buck Converter 2.7V-6.0V 0.6V 1A 1.5MHz PSM&PWM SOT23-5 Cu 3	PCS	4	U1,U3,U5,U6
2162500750	IC NOR FLASH XM25QH64DHIQU06S 64Mbit SPI 3.3V SOP8 50nm -40~85°C LZ2/LY1 Cu 3	PCS	1	U14
2174500035	IC Audio Amplifier TCS7191CB Class D 10%@3W Pd-Cu 3	PCS	1	U83
2181500002	IC IR-FSD 5V AP1511B Edge SOT-26 3.00*2.80*1.40mm Au [ANAPEX]	PCS	1	U8
2200500007	RES 0201 1M F 1/20W	PCS	5	R1189,R3,R33,R41,R77
2200500009	RES 0201 68K F 1/20W	PCS	1	R24
2200500010	RES 0201 0R J 1/20W	PCS	17	R103,R105,R106,R107, R112,R1150,R1151,R1186,R1187,R1188,R40,R66,R92,R93,R94,R97,R99
2200500020	RES 0201 47K F 1/20W	PCS	5	R10,R14,R16,R29,R75
2200500025	RES 0201 10K F 1/20W	PCS	5	R19,R27,R36,R68,R69
2200500027	RES 0201 22R J 1/20W	PCS	2	R39,R44
2200500030	RES 0201 2.2K F 1/20W	PCS	2	R55,R57
2200500036	RES 0201 100K J 1/20W	PCS	1	R1
2200500039	RES 0201 120K F 1/20W	PCS	1	R60
2200500047	RES 0201 100K F 1/20W	PCS	7	R13,R26,R47,R48,R49,R67,R74
2200500048	RES 0201 200K F 1/20W	PCS	2	R25,R35
2200500060	RES 0201 66.5K F 1/20W	PCS	1	R5
2200500061	RES 0201 300K F 1/20W	PCS	1	R21
2200500086	RES 0201 10K J 1/20W	PCS	8	R111,R1148,R1153,R31, R4,R51,R90,R91
2200500131	RES 0201 33R J 1/20W	PCS	2	R34,R42
2200500141	RES 0201 4.7K J 1/20W	PCS	8	R1025,R108,R1176,R1177,R62,R63,R76,R81
2201500004	RES 0402 0R J 1/16W	PCS	4	R100,R23,R28,R38
2201500012	RES 0402 470R J 1/16W	PCS	1	R1152
2201500083	RES 0402 200R F 1/16W	PCS	9	R101,R102,R1149,R116, R1178,R118,R1181,R1185,R98
2201500277	RES 0402 100K F 1/16W	PCS	1	R20
2201500301	RES 0402 316K F 1/16W	PCS	1	R73
2201500309	RES 0402 51.1K F 1/16W	PCS	2	R1121,R1122
2201500329	RES 0402 150K F 1/16W	PCS	1	R6
2201500330	RES 0402 453K F 1/16W	PCS	1	R1190
2201500343	RES 0402 200K F 1/16W	PCS	2	R12,R15
2201500346	RES 0402 49.9K F 1/16W	PCS	1	R32
2201500384	RES 0402 82K F 1/16W	PCS	1	R30
2202500001	RES 0603 0R J 1/10W	PCS	6	R11,R115,R18,R59,R65, R9
2300500010	CAP 0201 100pF J 50V NP0	PCS	1	C1
2300500014	CAP 0201 22pF J 50V NP0	PCS	2	C42,C88

2300500016	CAP 0201 0.1uF K 6.3V X5R	PCS	67	C10,C100,C101,C103,C106,C107,C108,C11,C113,C1144,C1149,C115,C1155,C117,C119,C12,C121,C123,C125,C130,C132,C133,C139,C141,C16,C18,C28,C30,C31,C35,C37,C38,C43,C46,C481,C49,C5,C50,C52,C54,C55,C56,C57,C59,C61,C63,C64,C65,C685,C7,C70,C710,C72,C74,C76,C77,C775,C78,C80,C81,C82,C84,C85,C90,C93,C95,C98
2300500017	CAP 0201 0.01uF K 10V X7R	PCS	7	C2,C60,C62,C71,C73,C75,C79
2300500021	CAP 0201 1000pF K 25V X7R	PCS	4	C13,C20,C32,C39
2300500023	CAP 0201 220pF K 25V X7R	PCS	2	C1143,C680
2300500029	CAP 0201 12pF J 50V NP0	PCS	4	C143,C144,C45,C48
2300500031	CAP 0201 1uF M 6.3V X5R	PCS	5	C1145,C138,C140,C33,C44
2300500033	CAP 0201 10pF J 50V NP0	PCS	1	C96
2300500165	CAP 0201 6.8pF D 25V NP0 [GRM0335C1E6R8DA01D]	PCS	1	C14
2300500171	CAP 0201 5.6pF C 25V NP0 [GRM0335C1E5R6CA01D]	PCS	2	C40,C41
2300500181	CAP 0201 330pF K 50V X7R	PCS	2	C102,C111
2301500184	CAP 0402 560pF K 50V X7R	PCS	1	C776
2301500255	CAP 0402 2.2uF M 6.3V X5R	PCS	2	C109,C110
2301500311	CAP 0402 4.7uF M 6.3V X5R	PCS	10	C104,C105,C118,C120,C122,C124,C146,C47,C53,C94
2301500349	CAP 0402 1uF K 10V X5R	PCS	2	C1138,C1142
2302500148	CAP 0603 4.7uF K 10V X5R	PCS	1	C83
2302500152	CAP 0603 10uF M 6.3V X5R	PCS	19	C112,C114,C1148,C15,C17,C27,C29,C34,C36,C4,C58,C6,C68,C69,C8,C9,C91,C92,C97
2302500154	CAP 0603 22uF M 6.3V X5R	PCS	3	C87,C89,C99
2302500173	CAP 0603 0.022uF K 50V X7R	PCS	2	C1140,C1141
2302500185	CAP 0603 10uF K 10V X5R	PCS	1	C3
2303500204	CAP 0805 22uF M 10V X5R	PCS	1	C1139
2401500202	IND 0805 4.7uH N 180mA/800mA 0.312Ω Multi	PCS	1	L8
2401500414	IND 252012 2.2uH M 1.8A/1.8A 0.096Ω 涂胶	PCS	6	L1,L2,L3,L4,L5,L6
2403500078	FB 0603 300R@100MHZ 1.5A 150mΩ	PCS	2	FB10,FB11
2403500123	FB 0402 1000R@100MHZ 250mA 1.2Ω	PCS	7	FB1,FB2,FB3,FB6,FB7,FB8,FB9
2502500059	SBDiode BAT54C 30V/200mASOT-23	PCS	1	D1
2505500091	ZDiode BZT52C5V6 5.6V 5% 0.5W SOD123	PCS	1	ZD1
2531500258	FET JMTL2305A P -20V -4.1A 32mΩ typ@Vgs=-4.5V -1.0V Max SOT-23 Trench Class1A 3 -55~+150℃	PCS	2	Q1,Q3

2531500297	FET BR2N7002K2 60V 300mA 2.3Q max@Vgs=10V 2.5V Max SOT -23 Trench Class2 1 -55~+150°C	PCS	4	Q2,Q4,Q49,Q6
2601500293	XTAL 24MHz N10P10 8pF N10P10 -30~+85°C Fundamental 3225 Ag CF4024M00008T2209015	PCS	1	Y1
2601500437	XTAL 32.768KHz N20P20 12.5pF N180P0 -40~+85°C Fundamental 1610 Au DJ2032K768C5T2209A02	PCS	1	Y3
2805500047	TVS LESD9L5.0T5G 5.0V 5.4V 9.8W 10K15K SOD-923 0.9pF 1 UNI -55~+125°C	PCS	2	T1,T2
1570500207	PCBA REV1.0 T31ZX+SC401AI+CMT2300A+MT7682MN+BAT32G135 Tapo C420S2(EU) REV1.0.0 [RFboard]	PCS	1	
2301500069	CAP 0402 0.022uF K 16V X7R	PCS	1	R20
2130500004	IC Sub-1GHz CMT2300A QFN16 PdCu	PCS	1	U2
2150500363	IC CPU&MPU MT7682MN SQFN40 NA	PCS	1	U1
2200500010	RES 0201 0R J 1/20W	PCS	2	L14,R15
2200500053	RES 0201 33R F 1/20W	PCS	1	R16
2200500086	RES 0201 10K J 1/20W	PCS	6	R12,R8,R9,R6,R7,R3
2200500103	RES 0201 200R F 1/20W	PCS	2	R17,R18
2200500141	RES 0201 4.7K J 1/20W	PCS	1	R11
2201500004	RES 0402 0R J 1/16W	PCS	2	R1,R14
2201500277	RES 0402 100K F 1/16W	PCS	1	R13
2202500001	RES 0603 0R J 1/10W	PCS	1	R2
2300500010	CAP 0201 100pF J 50V NP0	PCS	1	C6
2300500014	CAP 0201 22pF J 50V NP0	PCS	1	C31
2300500016	CAP 0201 0.1uF K 6.3V X5R	PCS	12	C11,C3,C17,C20,C15,C13,C28,C26,C27,C34,C39,C134
2300500025	CAP 0201 470pF K 25V X7R	PCS	2	C139,C41
2300500033	CAP 0201 10pF J 50V NP0	PCS	3	C42,C5,C43
2300500126	CAP 0201 27pF J 50V NP0	PCS	4	C35,C38,C37,C36
2300500137	CAP 0201 3.9pF C 50V NP0 [GRM0335C1H3R9CA01D]	PCS	1	C33
2300500158	CAP 0201 1.5pF C 25V NP0 [GRM0335C1E1R5CA01D]	PCS	1	C8
2300500159	CAP 0201 1.8pF C 25V NP0 [GRM0335C1E1R8CA01D]	PCS	1	C9
2300500165	CAP 0201 6.8pF D 25V NP0 [GRM0335C1E6R8DA01D]	PCS	2	C12,C16
2300500169	CAP 0201 3.3pF C 25V NP0 [GRM0335C1E3R3CA01D]	PCS	2	C1,C32
2300500172	CAP 0201 2pF C 25V NP0 [GRM0335C1E2R0CA01D]	PCS	2	C29,C30
2300500182	CAP 0201 1uF M 6.3V X5R [GRM033R60J105MEA2D]	PCS	3	C2,C22,C24
2300500184	CAP 0201 2.4pF C 25V NP0 [GRM0335C1E2R4CA01D]	PCS	1	L6
2301500255	CAP 0402 2.2uF M 6.3V X5R	PCS	5	C14,C7,C18,C25,C23
2301500256	CAP 0402 4.7uF M 6.3V X5R [GRM155R60J475ME47D]	PCS	1	C40
2302500152	CAP 0603 10uF M 6.3V X5R	PCS	4	C138,C4,C21,C19
2401500082	IND 0402 100nH J 100mA Multi [HI10051CR10JMT]	PCS	1	L13
2401500316	IND 252010 4.7uH M 0.95A/0.70A 0.563欧 涂胶 -40~+125°C	PCS	1	L2
2401500344	IND 0201 5.6nH H 250mA Film [LQP03TG5N6H02D]	PCS	1	L11
2401500758	IND 0201 3.0nH B 450mA Multi [SDCL0603Q3N0BT02B02]	PCS	1	L1
2401500766	IND 0201 6.8nH H 200mA Multi [SDCL0603Q6N8HT02B02]	PCS	2	L7,L8
2401500771	IND 0201 12nH H 180mA Multi [SDCL0603Q12NHT02B02]	PCS	2	L10,L4
2401500772	IND 0201 15nH H 170mA Multi [SDCL0603Q15NHT02B02]	PCS	3	L3,L5,L9
2601500287	XTAL 40MHz N9P9 14pF N9P9 -30~+85°C Fundamental 3225 Ag CF4040M00014T2209008	PCS	1	Y1
2601500297	XTAL 26MHz N10P10 9pF N10P10 -30~+85°C Fundamental 3225 Ag CF4026M00009T2209011	PCS	1	Y2
1570500208	PCBA REV1.0 T31ZX+SC401AI+CMT2300A+MT7682MN+BAT32G135 Tapo C420S2(EU) REV1.0.0 [PIRboard]	PCS	1	
2154500038	IC AMP TP2112-SR SOP8 Cu [2路]	PCS	2	U6,U7
2155500252	IC LDO FP6182-30S5 3.0V/150mA SOT23-5 65dB Cu 3	PCS	1	U4
2173500038	IC LED driver FR9708 10 serial PWM/Analog Cu 3	PCS	2	U1,U3
2200500007	RES 0201 1M F 1/20W	PCS	11	R13,R20,R21,R18,R24,R14,R23,R34,R22,R31,R33
2200500025	RES 0201 10K F 1/20W	PCS	2	R15,R16
2200500044	RES 0201 510K J 1/20W	PCS	3	R25,R26,R30
2200500048	RES 0201 200K F 1/20W	PCS	1	R32
2200500141	RES 0201 4.7K J 1/20W	PCS	2	R10,R5
2200500151	RES 0201 1R F 1/20W	PCS	3	R7,R8,R9
2200500152	RES 0201 1.2R F 1/20W	PCS	3	R2,R4,R3
2201500004	RES 0402 0R J 1/16W	PCS	3	R12,R29,R27
2201500332	RES 0402 5.1K F 1/16W	PCS	1	R28
2201500389	RES 0402 330K J 1/16W	PCS	1	R11
2300500010	CAP 0201 100pF J 50V NP0	PCS	2	C11,C21

2300500016	CAP 0201 0.1uF K 6.3V X5R	PCS	12	C10,C8,C5,C3,C18,C24,C28,C23,C26,C27,C31,C12
2300500182	CAP 0201 1uF M 6.3V X5R [GRM033R60J105MEA2D	PCS	3	C13,C17,C19
2301500069	CAP 0402 0.022uF K 16V X7R	PCS	2	C15,C25
2302500154	CAP 0603 22uF M 6.3V X5R	PCS	5	C16,C20,C34,C35,C33
2302500167	CAP 0603 0.47uF K 16V X7R	PCS	1	C29
2302500185	CAP 0603 10uF K 10V X5R	PCS	6	C1,C9,C2,C6,C4,C7
2401500303	IND 404030 47uH M 0.92A/0.72A 0.580Ω	PCS	2	L1,L2
2168500050	IC Sensor PIR 3.30*8.30 RE200F-Y1S 143°X132° Cu	PCS	1	U5
2169500016	IC Light Sensor Visible Light D5.0*5.3 AP1525D 550nm Au NA	PCS	1	U8
1570500209	PCBA REV1.0 T31ZX+SC401AI+CMT2300A+MT7682MN+BAT32G135 Tapo C420S2(EU)REV1.0.0 [light board]	PCS	1	
2200500043	RES 0201 499R F 1/20W	PCS	1	R2
2200500059	RES 0201 560R J 1/20W	PCS	1	R1
2508500021	IRLED 3030 RF-E30Q0-IRZ-FR 850nm 355mW/650mA 650mA 130° 165°	PCS	2	D2,D3