

Step	items	Part NO.	Property	Description	quantity	Units	Allocation
3	750	01-100-07280001	IC CPU	IC CPU T30L FPGA728 24.5X24.5mm NVIDIA	1.00000000	PCS	U1
3	400	01-300-42160002	IC DDR	IC DDR EDJ4216EBBG-DJ-F(DDR3 256M*16b 40nm)	2.00000000	PCS	M1,M2
3	770	01-500-04460001	EMMC	IC FLASH eMMC 16GB KE4CN4K6A 12.0*16.0*1.0/16GB KSI	1.00000000	PCS	U3
3	770	01-500-47212401	EMMC	IC FLASH Emmc 16G THGBM5G7A2JBAIR P-VFBGA153-1113-0.50-002 V4.41 MLC TOSHIBA	1.00000000	PCS	U3
3	230	02-011-15222169	Zener Diode	Zener Diode BZT52C22 22V SOD-123	1.00000000	PCS	D7
3	330	02-040-05213001	Schottky Diode	Schottky Diode RB521G-30 SOD-723	1.00000000	PCS	LB23
3	220	02-040-95819009	Diode	Diode 1N5819 SOD-123	2.00000000	PCS	D5,D14
3	240	02-041-50034009	Diode	Diode SS34 DO-214AC 40V 3A	1.00000000	PCS	D24
3	410	03-021-02301001	MOSFET	MOSFET P-channel CJ2301 SOT23-3	10.00000000	PCS	Q2,Q4,Q6,Q8,Q20,Q22,Q26,Q28,Q30,Q38
3	450	03-021-03401001	MOSFET	MOSFET P-channel CJ3401 SOT23-3	1.00000000	PCS	Q39
3	450	03-021-05103001	MOSFET	MOSFET P-Chanel P5103EMG SOT23-3 4.5A Unikc	1.00000000	PCS	Q39
3	430	03-021-61523199	MOSFET	MOSFET P-Channel RCR1523SI SOT23	1.00000000	PCS	Q12
3	410	03-021-62301019	MOSFET	MOSFET WPM2301-3/TR SOT-23 Willsemi	10.00000000	PCS	Q2,Q4,Q6,Q8,Q20,Q22,Q26,Q28,Q30,Q38
3	450	03-021-63401011	MOSFET	MOSFET P-Channel WPM3401 SOT23-3 WILLSEMI	1.00000000	PCS	Q39
3	420	03-021-71514001	MOSFET	MOSFET N-channel RCR1514SH SOT323 VDS(V)=30V VGS(V)=1V ID=200mA	23.00000000	PCS	Q3,Q5,Q7,Q9,Q21,Q23,Q25,Q27,Q29,Q31,Q34,Q37,Q40,Q41,Q45,Q51,Q14,Q36,Q48,Q49,Q53,Q54,Q55
3	420	03-021-72700001	MOSFET	MOSFET N-channel 2N7002KW SOT323 VDS(V)=60V VGS(V)=1V ID=340mA	23.00000000	PCS	Q3,Q5,Q7,Q9,Q21,Q23,Q25,Q27,Q29,Q31,Q34,Q37,Q40,Q41,Q45,Q51,Q14,Q36,Q48,Q49,Q53,Q54,Q55
3	440	03-022-13203001	MOSFET	MOSFET P-channel P3203EVG SOP8 8A Unikc	1.00000000	PCS	Q35

3	440	03-022-19435001	MOSFET	MOSFET P-channel WPM9435-5/TR SOP8 5A	1.00000000	PCS	Q35
3	670	04-126-02281410	RES	RES 2Ω-1206-1/4W-F(±1%)	1.00000000	PCS	R172
3	550	04-142-00001620	RES	RES 0Ω-0402-1/16W-J(±5%)	33.00000000	PCS	R43,R47,R58,R83,R145,R173,R174,R189,R203,R248,R253,R266,R268,R236,R237,R131,R132,R257,R263,R264,R265,R269,R260,R271,R272,R273,R274,R122,R125,R126,R127,R128,R129
3	480	04-142-01011620	RES	RES 100Ω-0402-1/16W-J(±5%)	3.00000000	PCS	R9,R13,R15
3	600	04-142-01021610	RES	RES 1KΩ-0402-1/16W-F(±1%)	6.00000000	PCS	R100,R109,R146,R151,R38,R50
3	970	04-142-01031620	RES	RES 10KΩ-0402-1/16W-J(±5%)	25.00000000	PCS	R1,R114,R130,R14,R141,R155,R16,R160,R191,R192,R193,R196,R199,R222,R267,R301,R41,R42,R45,R46,R51,R715,R92,R716,R216
3	660	04-142-01041610	RES	RES 100KΩ-0402-1/16W-F(±1%)	1.00000000	PCS	R163
3	960	04-142-01041620	RES	RES 100KΩ-0402-1/16W-J(±5%)	50.00000000	PCS	R23,R28,R29,R48,R61,R79,R80,R117,R118,R139,R140,R142,R143,R144,R148,R153,R154,R157,R158,R159,R164,R165,R166,R167,R168,R169,R180,R185,R186,R187,R188,R208,R209,R210,R212,R229,R232,R234,R235,R239,R240,R241,R242,R250,R252,R297,R298,R299,R26,R214
3	560	04-142-01051620	RES	RES 1MΩ-0402-1/16W-J(±5%)	3.00000000	PCS	R44,R49,R77
3	680	04-142-01241610	RES	RES 120KΩ-0402-1/16W-F(±1%)	1.00000000	PCS	R202
3	690	04-142-01521610	RES	RES 1K5-0402-1/16W-F(±1%)	1.00000000	PCS	R204
3	720	04-142-02031620	RES	RES 20KΩ-0402-1/16W-J(±5%)	1.00000000	PCS	R230
3	740	04-142-02041620	RES	RES 200KΩ-0402-1/16W-J(±5%)	1.00000000	PCS	R238
3	460	04-142-02051620	RES	RES 2MΩ-0402-1/16W-J(±5%)	1.00000000	PCS	R3
3	630	04-142-02201620	RES	RES 22Ω-0402-1/16W-J(±5%)	2.00000000	PCS	R147,R150
3	470	04-142-02221620	RES	RES 2K2-0402-1/16W-J(±5%)	8.00000000	PCS	R4,R5,R21,R22,R33,R34,R65,R66
3	580	04-142-02411610	RES	RES 240Ω-0402-1/16W-F(±1%)	2.00000000	PCS	R73,R74
3	620	04-142-02721619	RES	RES 2K7-0402-1/16W-F(±1%)	1.00000000	PCS	R111
3	590	04-142-03021610	RES	RES 3KΩ-0402-1/16W-F(±1%)	2.00000000	PCS	R75,R76

3	570	04-142-03301620	RES	RES 33Ω-0402-1/16W-J(±5%)	7.00000000	PCS	R57,R59,R62,R63,R64,R91,R233
3	520	04-142-04721620	RES	RES 4K7-0402-1/16W-J(±5%)	5.00000000	PCS	R30,R39,R40,R156,R175
3	510	04-142-04731620	RES	RES 47KΩ-0402-1/16W-J(±5%)	4.00000000	PCS	R24,R25,R152,R171
3	650	04-142-05641610	RES	RES 560KΩ-0402-1/16W-F(±1%)	1.00000000	PCS	R162
3	610	04-142-07531610	RES	RES 75KΩ-0402-1/16W-F(±1%)	5.00000000	PCS	R108,R121,R123,R124,R261
3	700	04-142-17441610	RES	RES 17.4KΩ-0402-1/16W-F(±1%)	1.00000000	PCS	R215
3	710	04-142-18221610	RES	RES 8K2-0402-1/16W-F(±1%)	1.00000000	PCS	R218
3	730	04-142-22316101	RES	RES 22.6KΩ-0402-1/16W-F(±1%)	1.00000000	PCS	R231
3	500	04-142-40281610	RES	RES 40.2Ω-0402-1/16W-F(±1%)	2.00000000	PCS	R19,R20
3	490	04-142-44201610	RES	RES 44.2Ω-0402-1/16W-(±1%)	2.00000000	PCS	R17,R18
3	530	04-142-45301610	RES	RES 453Ω-0402-1/16W-F(±1%)	1.00000000	PCS	R31
3	540	04-142-49981610	RES	RES 49.9Ω-0402-1/16W-F(±1%)	1.00000000	PCS	R32
3	1000	04-142-86631619	RES	RES 86K6Ω-0402-1/16W-F(±1%)	1.00000000	PCS	R149
3	640	04-163-00001020	RES	RES 0Ω-0603-1/10W-J(±5%)	1.00000000	PCS	R161
3	930	04-500-10020009	ESD	ESD ESDA6V8UD-10/TR DFN-10PIN 0.35P Willsemi	2.00000000	PCS	U5,U6
3	930	04-500-42830001	ESD	ESD IP4283CZ10-TBR+115 10PIN 1x2.5x0.5mm SOT1176-1 NXP	2.00000000	PCS	U5,U6
3	250	04-524-09500001	ESD	ESD ESD9B5VD-2/TR15PF SOD-923	10.00000000	PCS	ED20,ED21,ED22,ED23,ED24,ED25,ED26, ED27,ED28,TD1
3	250	04-542-07050009	ESD	ESD AZ5125-01J 7pF TVS-0402	10.00000000	PCS	ED20,ED21,ED22,ED23,ED24,ED25,ED26, ED27,ED28,TD1
3	190	05-126-10625500	CAP-C/C	CAP-C/C 10μf-25V-1206-X5R	1.00000000	PCS	C171
3	10	05-142-10050200	CAP-C/C	CAP-C/C 10P-50V-0402-NPO	3.00000000	PCS	C279,C281,BC7
3	100	05-142-10250200	CAP-C/C	CAP-C/C 1000P(102)-50V-0402-NPO(±5%)	6.00000000	PCS	C31,C36,C172,C173,C174,C176
3	110	05-142-10325300	CAP-C/C	CAP-C/C 0.01μf(103)-25V-0402-X7R	2.00000000	PCS	C47,C280

3	70	05-142-10425400	CAP-C/C	CAP-C/C 0.1μf(104)-25V-0402-Y5V	92.00000000	PCS	C1,C2,C3,C4,C5,C14,C15,C16,C25,C27,C32,C35,C38,C43,C44,C49,C52,C53,C54,C56,C58,C59,C62,C63,C65,C67,C76,C77,C78,C79,C82,C86,C90,C93,C95,C96,C97,C98,C103,C104,C105,C106,C108,C109,C110,C111,C113,C114,C116,C117,C118,C119,C120,C121,C122,C130,C154,C156,C157,C164,C170,C175,C180,C182,C185,C192,C194,C195,C202,C212,C213,C214,C215,C251,C258,C259,C262,C264,C266,C269,C288,C300,C327,C362,C168,C270,C293,C294,C308,C315,C316,C317
3	120	05-142-10510400	CAP-C/C	CAP-C/C 1μ(105)-10V-0402-Y5V	30.00000000	PCS	C55,C57,C60,C61,C88,C183,C197,C199,C231,C232,C233,C234,C235,C237,C238,C239,C240,C241,C243,C253,C254,C256,C265,C267,C282,C291,C313,C332,C283,C309
3	90	05-142-12050200	CAP-C/C	CAP-C/C 12P-50V-0402-NPO	2.00000000	PCS	C29,C30
3	30	05-142-22050200	CAP-C/C	CAP-C/C 22P-50V-0402-NPO	3.00000000	PCS	C284,BC8,BC9
3	160	05-142-22150300	CAP-C/C	CAP-C/C 220P(221)-50V-0402-X7R	1.00000000	PCS	C85
3	210	05-142-22416300	CAP-C/C	CAP-C/C 0.22μf(224)-16V-0402-X5R	1.00000000	PCS	C289
3	150	05-142-22510490	CAP-C/C	CAP-C/C 2.2μf(225)-10V-0402-Y5V	6.00000000	PCS	C83,C84,C236,C244,C184,C190
3	20	05-142-33050200	CAP-C/C	CAP-C/C 33P-50V-0402-NPO	1.00000000	PCS	BC5
3	200	05-142-47410400	CAP-C/C	CAP-C/C 0.47μF(474)-10V-0402-Y5V	3.00000000	PCS	C252,C255,C257
3	80	05-142-47563500	CAP-C/C	CAP-C/C 4.7μf-6.3V-0402-X5R	41.00000000	PCS	C7,C8,C9,C10,C11,C12,C13,C18,C19,C20,C21,C22,C23,C24,C26,C28,C34,C39,C40,C41,C42,C45,C46,C48,C51,C64,C66,C89,C91,C94,C102,C107,C112,C115,C196,C218,C223,C224,C227,C229,C242
3	180	05-163-10663500	CAP-C/C	CAP-C/C 10μf-6.3V-0603-X5R	1.00000000	PCS	C169
3	990	05-163-22250300	CAP-C/C	CAP-C/C 2200P(222)-50V-0603-X7R	1.00000000	PCS	C310

3	140	05-185-10616490	CAP-C/C	CAP-C/C 10μf(106)-16V-0805-Y5V	26.00000000	PCS	C81,C153,C198,C200,C219,C220,C221,C222,C225,C226,C228,C230,C246,C247,C248,C249,C250,C261,C263,C286,C292,C326,C328,C290,C314,C318
3	170	05-185-22663597	CAP-C/C	CAP-C/C 22μf(226)-6.3V-0805-X5R JMK212BJ226MGT	7.00000000	PCS	C155,C181,C211,C268,C274,C276,C285
3	130	05-442-22850201	CAP-C/C	CAP-C/C 2.2PF-50V-0402-NPO(±0.25PF)	1.00000000	PCS	C68
3	370	06-014-08512159	COMMON MODE INDUCTORS	COMMON MODE INDUCTORS HCW2012-121 RDC 0.3Ω IDC370mA 100MHz	1.00000000	PCS	L11
3	390	06-120-00159401	SMD Power Inductors	SMD Power Inductors 1.5μH EM-15AM01V01 ±20% DCR ≤ 0.043Ω TRIO	1.00000000	PCS	L24
3	350	06-123-01155419	SMD Power Inductors	SMD Power Inductors 3015(3.0x3.0x1.5mm)1.5μH ±30% DCR ≤ 0.13Ω	2.00000000	PCS	L8,L12
3	380	06-123-05475419	SMD Power Inductors	SMD Power Inductors NR3015T 4R7M(3.0x3x1.5mm)4.7μH ±20% DCR ≤ 0.12Ω IDC1.0A	1.00000000	PCS	L22
3	950	06-123-06106419	SMD Power Inductors	SMD Power Inductors NR3015T (3.0x3.0x1.5mm)10μH ±20% 0.23Ω 0.7A	1.00000000	PCS	L13
3	360	06-123-15225479	SMD Power Inductors	SMD Power Inductors NR3015(3.0x3.0x1.5mm)2.2μH ±20% 0.06Ω 1.48A	2.00000000	PCS	L9,L10
3	340	06-125-34109401	SMD Power Inductors	SMD METAL ALLOY POWER INDUCTOR EM-10AM01V01 1.0μH ±20% DCR=21mΩ IDC5.3A 4*4.5*2mm TRIO	3.00000000	PCS	L5,L6,L7
3	260	07-204-02300559	Ferrite Chip Beads	Ferrite Chip Beads 30Ω-0402-(±25%) DCR ≤ 0.2Ω 100MHz CB1005-300(f)	6.00000000	PCS	FB1,FB2,LB1,LB4,LB5,LB6
3	270	07-206-03300519	Ferrite Chip Beads	Ferrite Chip Beads 30Ω-0603-Z(±25%) 100MHZ	5.00000000	PCS	FB16,LB16,LB17,LB20,LB21
3	920	08-100-00261002	CRYSTAL TCXO	CRYSTAL TCXO 26MHz ±0.5ppm SMD TCXO 2.5*2.0 (7L26002009) TXC	1.00000000	PCS	U30
3	920	08-100-26001001	CRYSTAL TCXO	1.8/2.8V TG-5035CG-17N 26.000MHZ SMD 2.5x2.0MM 0.5PPM EPSON	1.00000000	PCS	U30

3	900	08-221-32762149	CRYSTAL TCXO	X'TAL 32.768KHz SMD ±20ppm Load Cap 12.5pf (MC-146) EPSON	1.00000000	PCS	Y2
3	940	08-222-12001002	X'TAL	X'TAL SMD GLASS SEALING XTAL 12.000MHZ 3.2mm*2.5mm 7V12000011 TXC	1.00000000	PCS	Y1
3	290	10-040-02790001	CONN	CONN Phone Jack Φ3.5 ST-0279D00-061-182 6Pin Getwell	1.00000000	PCS	JK5
3	310	10-070-00801059	CONN	CONN Micro SD PUSH 1.5H SDN008-A0-000X	1.00000000	PCS	J2
3	320	10-152-00050001	CONN	CONN Micro USB Jack Micro-USB 5Pin H=0.9mm	1.00000000	PCS	J11
3	60	10-162-04050003	CONN	CONN FPC&FFC BL134-X04-00X 0.5FPC 4P H2.0	1.00000000	PCS	CN9
3	50	10-162-10050003	CONN	CONN FPC&FFC FPC10Pin 0.5mm 1.2mm	1.00000000	PCS	CN4
3	280	10-162-25030001	CONN	CONN FPC&FFC 25Pin Pitch=0.3mm H=1.0mm	2.00000000	PCS	JK1,J5
3	280	10-162-25030009	CONN	CONN FPC&FFC 25Pin Pitch=0.3mm H=1.0mm	2.00000000	PCS	JK1,J5
3	40	10-162-39030001	CONN	Connector FPC 39Pin pitch=0.3mm H=1.0mm	1.00000000	PCS	CN1
2	20	10-330-09510201	Keypad	keypad N1010 180±30gf Φ4.0mm	1.00000000	PCS	
3	300	10-442-00190001	CONN	CONN MICRO HDMI D type female 19PIN	1.00000000	PCS	J1
2	10	14-442-04150004	MIC	MIC IMP-415AN-S Φ4x1.5mm 42±3dB	1.00000000	PCS	J3
1	40	17-005-09690001	SPEAKER	NS-14T004 (N1010)+SPEAKER	1.00000000	PCS	
3	880	18-755-00000001	WIFI module	WIFI Module WG7550-00 WIFI(802.11a/b/g/n)+BT4.0+GPS+FM	1.00000000	PCS	P1
1	90	19-200-20570006	CAMERA MODULE	CAMERA MODULE 200W PIXELS HIMAX2057 for N1010	1.00000000	PCS	
3	780	20-300-60151201	IC	IC DC Power TPS60151DRVR 5V/140MA SON6 QFN2*2 TI	1.00000000	PCS	U12

3	870	20-300-61161219	IC DC Power	IC DC Power TPS61165 QFN-6 Backlight Drive TI	1.00000000	PCS	U24
3	820	20-300-63021201	IC	IC DC Power TPS63020DSJ 4A QFN14 TI	1.00000000	PCS	U17
3	810	20-300-77610001	IC	IC DC Power MAX77612A 90 Bump 6.8x6.2x0.8 PMU MAX	1.00000000	PCS	U16
3	830	20-315-24160001	IC	IC DC Power LI-ION Charger BQ24160A QFN24 TI	1.00000000	PCS	U19
3	840	20-386-62170009	IC	IC DC POWER BOOSTLP6217_ADJ 2.1A SOT23-6 LPS	1.00000000	PCS	U20
3	890	20-900-10040001	IC	IC G-SENDER KXTIK-1004 LGA Kionix	1.00000000	PCS	U53
3	790	20-900-20060001	IC	IC AUDIO CLASS-D AMPLIFIER TPA2006D1 8PIN QFN TI	2.00000000	PCS	U14,U23
3	20	20-900-68140001	IC	IC Ambient Light Sensor ePL6814 DFN ELAN	1.00000000	PCS	U1
3	910	20-900-89750019	IC	IC Compass AK8975C BGA-14 AKM	1.00000000	PCS	U18
3	850	20-900-93061219	IC	IC voltage-level translator PCA9306DCTR SSOP-DCT(8P)TI	1.00000000	PCS	U21
3	980	20-915-30500019	IC	IC Gyroscope MPU-3050C QFN-24 I2C interface operating voltage 2.1V-3.6V InvenSense	1.00000000	PCS	U51
3	760	20-935-04111201	IC	IC Temp sensor TMP411 MSOP-8 TI	1.00000000	PCS	U2
3	860	20-960-32031201	IC	IC AUDIO CODEC TLV320AIC3206 QFN-40 TI	1.00000000	PCS	U22
3	800	20-988-52060019	IC	Switches IC Power distribution Switch LPW5206-B5F SOT-23-5	1.00000000	PCS	U15
1	10	21-969-00010000	top cover	top cover NS-14T004 PC+ABS UL94HB	1.00000000	PCS	
1	20	23-969-00010000	rear cover	rear cover NS-14T004 PC+10%GF+AL	1.00000000	PCS	
1	30	27-010-09690001	keypad	NS-14T004 PC+ABS UL94HB	1.00000000	PCS	
2	70	27-130-09510001	MIC cover	MIC cover N1010 TPU	1.00000000	PCS	
3	10	34-100-00000006	FPC	N1010 LIGHT SENSOR FPC V0.1	1.00000000	PCS	
1	120	34-104-00000003	FPC	Cable FPC 4P 270S25500A0	1.00000000	PCS	
1	130	34-139-00000002	FPC	N1010 LCD 39PIN CABLE V0.1 270S25502A0	1.00000000	PCS	

1	110	52-500-72000001	Battery	Battery PR-3750159	1.00000000	PCS	
1	60	62-070-10100001	LCD	LCD CLAA101WJ01 10.1'TFT 1366xRGB(3)x768	1.00000000	PCS	
1	230	62-131-24100001	TOUCH PANEL	N1010 TOUCH PANNELRTR-2H4-101 light sensor 20%+-10% RTR-tech	1.00000000	PCS	
2	30	81-100-09690001	SMT	FPC4Pin Pitch=0.3mm LIGHT SENSOR for NS- 14T004	1.00000000	PCS	
2	20	81-100-09690100	SMT	ASS'Y SMT NS-14T004 V0.1	1.00000000	PCS	
1	140	81-200-09690100	DIP	ASS'Y DIP NS-14T004 V0.1	1.00000000	PCS	