

Designator	Value	Comment	Quantity
C1, C25, C63	2200pF	2200pF	3
C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C19, C23, C28, C30, C31, C32, C34, C35, C37, C39, C40, C41, C48, C49, C50, C52, C53, C55, C56, C62, C64,	0.1uF	0.1uF	39
C18, C22	0.01uF	0.01uF	2
C20, C21, C24, C27, C36	10uF	10uF	5
C26, C51, C59	100uF	C3216X5R0J107M160AB	3
C29	3.3nF	3300pF 1005	1
C33, C43	4.7uF	4.7uF/1608	2
C38, C44, C47, C54, C61	NM	NM	5
C42, C45, C46, C57	1uF	1uF/1608	4
C58	0.39uF	0.39uF 1005	1
C60	22pF	22pF	1
CN1	1041180811	1041180811	1
CN2	SCZT-6RS-1K-03-SW(HF)	SIM_NANO	1
CN3	J3654-6002PL	J3654-6002PL	1
CN4	SJ112422	USB/UART1	1
CN5	SJ112422	UART2	1
CN6	PJ-063AH	DC IN	1
CN7	182-009-213R181	UART2	1
CN8	182-009-213R181	UART1	1
CON1	AXK5F80547YG	AXK5F80547YG	1
D1, D2, D4, D6, D7, D8	EZAEG2A50AX	EZAEG2A50AX	6
D3, D5, D9	RSX501L-20	RSX501L-20	3
F1, F2	NFM21PC105B1C3D	NFM21PC105B1C3D	2
Fuse1	MF-MSMF075	MF-MSMF075	1
Fuse2	MF-MSMF110/24X	MF-MSMF110/24X	1
J1	MX387GL	MIC/LINE IN	1
J2	MX387GL	HP OUT	1
J3	MX387GL	LINE OUT	1
L1	2.2uH	RLF7030T-2R2M5R4	1
LED1	LTST-C190TGKT	Reserved16	1
LED4	LTST-C190TGKT	VUIM2	1
LED5	LTST-C190TGKT	UIM2_RESET_N	1
LED6	LTST-C190TGKT	UIM2_DATA	1
LED7	LTST-C190TGKT	UIM2_CLK	1
LED8	LTST-C190TGKT	RESET_N	1

LED9	LTST-C190TGKT	UIM2_VPP	1
LED12	LTST-C190TGKT	PWR_ON	1
LED13	LTST-C190TGKT	eSIM_VCC	1
LED14	LTST-C190TGKT	eSIM_RST	1
LED15	LTST-C190TGKT	eSIM_DATA	1
LED16	LTST-C190TGKT	eSIM_CLK	1
LED17	LTST-C190TGKT	RI	1
LED18	LTST-C190TGKT	Reserved_11	1
LED19	LTST-C190TGKT	FUPSTS_OUT/EMG_RI	1
LED20	LTST-C190TGKT	RXD2	1
LED21	LTST-C190TGKT	Reserved_17	1
LED22	LTST-C190TGKT	DSR	1
LED23	LTST-C190TGKT	Reserved_12	1
LED24	LTST-C190TGKT	ANTINF_0	1
LED25	LTST-C190TGKT	TXD2	1
LED26	LTST-C190TGKT	PS_HOLD	1
LED27	LTST-C190TGKT	DCD	1
LED28	LTST-C190TGKT	Reserved_13	1
LED29	LTST-C190TGKT	ANTINF_1	1
LED30	LTST-C190TGKT	Reserved_1	1
LED31	LTST-C190TGKT	AREA_IND	1
LED32	LTST-C190TGKT	RTS	1
LED33	LTST-C190TGKT	Reserved_14	1
LED34	LTST-C190TGKT	MOS_IND	1
LED35	LTST-C190TGKT	Reserved_2	1
LED36	LTST-C190TGKT	RESET_CHK	1
LED37	LTST-C190TGKT	CTS	1
LED38	LTST-C190TGKT	Reserved_15	1
LED39	LTST-C190TGKT	Reserved_7	1
LED40	LTST-C190TGKT	Reserved_3	1
LED41	LTST-C190TGKT	DTR	1
LED42	LTST-C190TGKT	UART_INIT	1
LED43	LTST-C190TGKT	Reserved_8	1
LED44	LTST-C190TGKT	Reserved_4	1
LED45	LTST-C190TGKT	RXD	1
LED46	LTST-C190TGKT	MODE1	1
LED47	LTST-C190TGKT	Reserved_9	1
LED48	LTST-C190TGKT	Reserved_5	1
LED49	LTST-C190TGKT	TXD	1

LED50	LTST-C190TGKT	MODE2	1
LED51	LTST-C190TGKT	Reserved_10	1
LED52	LTST-C190TGKT	Reserved_6	1
LED53	APT1608SURCK	USBPOWER1	1
LED54	APT1608SURCK	USB POWER2	1
LED55	APT1608SURCK	DC_POWER	1
P1		UART1	1
P2		UART2/CNT	1
P3		Header 5X2	1
P4		AD / DA	1
P5		Socket	1
P6		USB	1
P8, P9, P10, P12, P13, P14	SM-1-3	SM-1-3	6
Q1, Q2, Q3, Q4	RZE002-P02(P)	RZE002-P02(P)	4
Q5	RQ1A070ZP	RQ1A070ZP	1
Q6, Q7, Q8, Q9	RUE002N02	RUE002N02	4
R1, R3, R4, R8, R9, R10, R12, R13, R25, R29, R35, R36, R66, R67, R68	100k	100k	15
R2, R23	330	330	2
R5, R28, R37, R38, R46, R48, R61, R69, R73	1k	1k	9
R6, R43, R45, R47, R50, R51, R53	47k	47k	7
R7, R17, R24, R63, R64, R65	1M	1M	6
R11, R15, R26, R27, R31, R70	3.9k	3.9k	6
R14, R16, R20, R40, R52, R54	10k	10k	6
R18, R19, R71	JP	JP	3
R21, R22	27	27	2
R30	470k 1%	470k 1%	1
R32	750k 1%	750k 1%	1
R33	1070k 1%	1070k 1%	1
R34	150k 1%	150k 1%	1
R39	22	22	1
R41	100	100	1
R42, R44	150k	150k	2
R49	JP	JP	1
R55, R56, R62	NM	NM	3
R57, R58	10	10	2
R59, R60	20k	20k	2
R72	N.M.(JP)	N.M.(JP)	1
RN1, RN2, RN7, RN8, RN9, RN10, RN11, RN12, RN13, RN14	EXB-N8V392JX	EXB-N8V392JX	10

RN3, RN4	EXB-N8V103JX	EXB-N8V103JX	2
RN5, RN6	EXB-N8V392JX	EXB-N8V102JX	2
RT1	3314J-1-103E	Volume	1
S1	CHP-081TA	CHP-081TA	1
S2	219-2MST	+3.65_VBATT(3.65V) 1:ON 2:OFF	1
S3	A6SN-1104	POWER MODE	1
S4	A6SN-1104	OFF:USB/ON:UART1	1
S5	219-2MST	ON:MIC OFF:LINE	1
SP1, SP2, SP3, SP4	TH-1.6-2.0-M2	TH-1.6-2.0-M2	4
SW1	FSM4JSMATR	RESET	1
SW2	FSM4JSMATR	POWER	1
SW3	CUS-12TB	Reserved_17	1
SW4	MS-12AAP1	POWER	1
TH5	TH-1.6-M2.6	TH-1.6-M2.6	1
TP1, TP2	ST-1-2	GND	2
TP3	ST-1-2	VDD3.0	1
TP4	ST-1-2	VDD_Audio	1
TP5	ST-1-2	+3.65_VBATT	1
U1	MSP430F2001IPWR	MSP430F2001IPWR	1
U2	TS3A44159PWR	TS3A44159PWR	1
U3, U5, U7, U8	SN74LV540APW	SN74LV540APW	4
U4	74VHC00MTCX	74VHC00MTCX	1
U6, U9	SN74LV541APW	SN74LV541APW	2
U10	MC74HC157ADTR2G	MC74HC157ADTR2G	1
U11	TS3USB30EDGSR	TS3USB30EDGSR	1
U12, U16	FT231XQ-R	FT231XQ-R	2
U13, U14	TPS79330DBVR	TPS79330DBVR	2
U15	TPS62140RGTT	TPS62140RGTT	1
U17, U18	SP3243EUCY-L	SP3243EUCY-L	2
U19	LMV324QPWR	LMV324QPWR	1
U20	LM4889MM/NOPB	LM4889MM/NOPB	1
U21	NC7WZ04P6X	NC7WZ04P6X	1