

部品番号	値／品名	詳細	メーカー	メーカー型番	個数
C1	47pF	CAP CER 47PF 50V C0G/NP0 0402	MURATA	GRM1555C1H470JA01D	1
C2	1nF	CAP CER 1000PF 50V C0G/NP0 0402	MURATA	GRM1555C1H102JA01D	1
C3, C18, C19, C27, C28, C31, C35, C36, C38, C39, C42, C52	10uF	CAP CER 10UF 25V X5R 0805	MURATA	GRM219R61E106KA12D	12
C4, C6, C7, C10, C11, C12, C13, C14, C15, C16, C17, C20, C22,C24,C30, C34, C40,C43, C44, C45, C46, C47, C48, C49, C50, C51, C53, C60, C61, C62, C63, C67, C68, C69	0.1uF	CAP CER 0.1UF 10V X5R 0402	MURATA	GRM155R61A104KA01D	34
C5, C8, C9	2200pF	CAP CER 2200PF 50V 10% X7R 0402	MURATA	GRM155R71H222KA01D	3
C21, C23, C25, C54, C57	4.7uF	CAP CER 4.7UF 25V X5R 0805	MURATA	GRM21BR61E475KA12L	5
C26, C32	4700pF	CAP CER 4700PF 50V 10% X5R 0402	MURATA	GRM155R61H472KA01D	2
C29, C33	0.01uF	CAP CER 10000PF 25V X7R 0402	MURATA	GRM155R71E103JA01J	2
C37, C64, C73	100uF	CAP CER 100UF 6.3V 20% X5R 1206	TDK	C3216X5R0J107M160AB	3
C41	3.3nF	CAP CER 3300PF 50V X7R 0402	MURATA	GRM155R71H332KA01D	1
C55, C58, C66, C70, C75	NM	Chip Cap 0402	N/A	N/A	5
C56, C59, C65, C71	1uF	CAP CER 1UF 16V X5R 0603	MURATA	GRM188R61C105KA12D	4
C72	0.39uF	CAP CER 0.39UF 10V 10% X5R 0402	MURATA	GRM155R61A394KE15D	1
C74	22pF	CAP CER 22PF 50V C0G/NP0 0402	MURATA	GRM1555C1H220JA01D	1
CN1	SCZT-6RS-1K-03-SW(HF)	Nano SIM	JST	SCZT-6RS-1K-03-SW(HF)	1
CN2	J3654-6002PL	SIM	3M	J3654-6002PL	1
CN3, CN4	ZX62D-B-5PA8	CONN RCPT MICRO USB B MID SMD	hirose	ZX62D-B-5PA8	2
CN5	PJ-063AH	CONN PWR JACK DC 2.1X5.5 8A T/H	CUI	PJ-063AH	1
CN6, CN7	DMR-09SGG	CONN DB9 FEMALE .318" R/A NICKEL	Norcomp Inc.	C-00645	2
CON1	AXK5F80547YG	CONN SOCKET BRD/BRD .5MM 80POS	Panasonic	AXK5F80547YG	1
D1, D2, D3	PMEG4030EP,115	DIODE SCHOTTKY 40V 3A SOD128	Nexperia	PMEG4030EP,115	3
F1, F2	NFM21PC105B1C3D	CAP FEEDTHRU 1UF 20% 16V 0805	Murata	NFM21PC105B1C3D	2
Fuse1, Fuse2		FUSE PTC RESETTBL 1.5A 24V 1812	Bourns Inc.	MF-MSMF150/24X-2	2
J1, J2, J3	MX387GL	3-Conductor Jack with 2 break contacts (normals) and 2 auxiliary make contacts	Marushin	MX387GL	3
L1	2.2uH	FIXED IND 2.2UH 5.4A 10 MOHM SMD	TDK	RLF7030T-2R2M5R4	1

LED1, LED2, LED3, LED4, LED5, LED6, LED7, LED8, LED9, LED10, LED11, LED12, LED13, LED14, LED15, LED16, LED17, LED18, LED19, LED20, LED21, LED22, LED23, LED24, LED25, LED26, LED27, LED28, LED29, LED30, LED31, LED32, LED33, LED34, LED35, LED36, LED37, LED38, LED39, LED40, LED41, LED42, LED43, LED44, LED45, LED46, LED47, LED48	LTST-C190TGKT	LED GREEN CLEAR 0603 SMD	Lite-On Inc	LTST-C190TGKT	48
LED49, LED50, LED51, LED52	APT1608SURCK	LED RED CLEAR 0603 SMD	Kingbright Corp	APT1608SURCK	4
P1, P5, P7	P-01591	丸ピンソケット, 4-Pin	AKIZUKI	P-01591	3
P2, P3	C-00082	Header, 8-Pinx2, Dual row, Shrouded Header	Useconn	C-00082	2
P4	NM	Header, 2-Pin	N/A	N/A	1
P6	C-00082	Header, 5-Pin, Dual row	Useconn	C-00082	1
P8, P9	P-01591	Header, 24-Pin	AKIZUKI	P-01591	2
Q1	RZE002-P02(P)	MOSFET P-CH 20V 350MA SC89-3	ROHM	RZE002-P02(P)	1
Q2, Q4, Q5	RUE002N02(N)	MOSFET N-CH 20V .2A EMT	ROHM	RUE002N02(N)	3
Q3	RQ1E050RPTR	MOSFET P-CH 30V 5A TSMT8	ROHM	RQ1E050RPTR	1
R1, R3, R4, R6, R8, R9, R10, R28, R32, R41, R42	100k	RES SMD 100K OHM 5% 1/10W 0402	Panasonic	ERJ-2GEJ104X	11
R2, R21, R48, R51, R54, R57, R59, R61	47k	RES SMD 47K OHM 5% 1/10W 0402	Panasonic	ERJ-2GEJ473X	8
R5, R11, R12, R23, R24, R33, R36	3.9k	RES SMD 3.9K OHM 5% 1/10W 0402	Panasonic	ERJ-2GEJ392X	7
R7, R17, R20, R46, R56, R58	10k	RES SMD 10K OHM 5% 1/10W 0402	Panasonic	ERJ-2GEJ103X	6
R13, R15, R16, R18, R26, R27, R37	1M	RES SMD 1M OHM 1% 1/16W 0402	ROHM	MCR01MRTF1004	7
R14, R25, R29, R31, R43, R44, R52, R55, R67	1k	RES SMD 1K OHM 5% 1/10W 0402	Panasonic	ERJ-2GEJ102X	9
R19	24k	RES SMD 24K OHM 5% 1/10W 0402	Panasonic	ERJ-2GEJ243X	1
R22	4.7k	RES SMD 4.7K OHM 5% 1/5W 0402	Panasonic	ERJ-PA2J472X	1
R30, R49	100	RES SMD 100 OHM 5% 1/10W 0402	Panasonic	ERJ-2GEJ101X	2
R34	1.8M	RES SMD 1.8M OHM 1% 1/16W 0402	Vishay	CRCW04021M80FKED	1
R35	470k 1%	RES 470K OHM 1/10W 1% 0402 SMD	Panasonic	ERJ-2RKF4703X	1
R38	150k 1%	RES 150K OHM 1/10W 1% 0402 SMD	Panasonic	ERJ-2RKF1503X	3
R39	1070k 1%	RES 1.07M OHM 1/16W 1% 0402 SMD	Vishay Dale	CRCW04021M07FKED	1
R40	750k 1%	RES 750K OHM 1/10W 1% 0402 SMD	Panasonic	ERJ-2RKF7503X	1

R45	22	RES SMD 22 OHM 5% 1/10W 0402	Panasonic	ERJ-2GEJ220X	1
R53	JP	RES SMD 0 OHM JUMPER 1/10W 0402	Panasonic	ERJ-2GE0R00X	1
R60, R62, R68	NM	Resistor 1005	N/A	N.A	3
R63, R64	10	RES SMD 10 OHM 5% 1/10W 0402	Panasonic	ERJ-2GEJ100X	2
R65, R66	20k	RES SMD 20K OHM 5% 1/10W 0402	Panasonic	ERJ-2GEJ203X	2
RN1, RN2, RN5, RN6, RN7, RN8, RN9, RN10, RN11, RN12, RN13, RN14	EXB-N8V392JX	RES ARRAY 3.9K OHM 4 RES 0804	Panasonic	EXB-N8V392JX	12
RN3, RN4	EXB-N8V103JX	RES ARRAY 10K OHM 4 RES 0804	Panasonic	EXB-N8V103JX	2
RT1	3314J-1-103E	TRIMMER 10K OHM 0.25W SMD	BORNS	3314J-1-103E	1
S1, S3	A6SN-1104	SWITCH DIP 1POS EXT ACT SMD 24V	OMRON	A6SN-1104	2
S2	CHP-081TA	SWITCH DIP PIANO STYLE 8-POS 6V	Copal Electronics Inc	CHP-081TA	1
S4, S5	219-2MST	SWITCH TAPE SEAL 2 POS SMD 50V	CTS Electrocomponents	219-2MST	2
SW1, SW2	FSM4JSMATR	SWITCH TACTILE SPST-NO 0.05A 12V	TE	FSM4JSMATR	2
SW3	CUS-12TB	SWITCH SLIDE SPDT LOW PROF 4V	Copal Electronics Inc	CUS-12TB	1
SW4	MS-12AAP1	SWITCH SLIDE DPDT 3A PCB 125V	NKK	MS-12AAP1	1
TH1	TH-1.6-M2.6	スルーホールタツプ	MAC8	TH-1.6-M2.6	1
TP1, TP2, TP3, TP4, TP5, TP6, TP7	ST-1-2	ロジック用チェック端子 STシリーズ	MAC8	ST-1-2	7
U1	MSP430F2001IPWR	IC MCU 16BIT 1KB FLASH 14TSSOP	TI	MSP430F2001IPWR	1
U2, U5, U7, U8	SN74LV540APW	IC INVERTER 8-INPUT 20TSSOP	TI	SN74LV540APW	4
U3	74VHC00MTCX	IC GATE NAND QUAD 2INPUT 14TSSOP	Fairchild Semiconductor	74VHC00MTCX	1
U4	NC7WZ04P6X	IC INVERTER UHS DUAL HS SC70-6	Fairchild Semiconductor	NC7WZ04P6X	1
U6, U9	SN74LV541APW	IC BUFFER 8BIT	TI	SN74LV541APW	2
U10, U14	TPD4S014	IC USB PORT PROTECTION 10SON	TI	TPD4S014DSQR	2
U11	MC74HC157ADTR2G	IC DATA SELECTOR/MUX 16-TSSOP	ON Semiconductor	MC74HC157ADTR2G	1
U12	CP2105	IC SGL USB-DL UART BRIDGE 24QFN	Silicon Lab	CP2105-F01-GM	1
U13, U15	TPS79330DBVR	IC REG LDO 3V 0.2A SOT23-5	TI	TPS79330DBVR	2
U16	TPS62140RGTT	IC REG BUCK SYNC ADJ 2A 16QFN	TI	TPS62140RGTT	1
U17	TPS71401DCKT	IC REG LIN POS ADJ 80MA SC70-5	TI	TPS71401DCKT	1

U18, U19	MAX3243EIPWR	IC RS232 3V-5.5V DRVR 28-TSSOP	Texas Instruments	MAX3243EIPWR	2
U20	LMV324QPWR	IC OPAMP GP 1MHZ RRO 14TSSOP	TI	LMV324QPWR	1
U21	LM4889MM/NOPB	IC AMP AUDIO PWR 1W MONO 8VSSOP	NationalSemiconductor	LM4889MM/NOPB	1