

Mfg Part Num	Mfg Name	VID
292303-1	TE	DK
MMBT3904-TP	Micro Commercial	DK
PRPC004DAAN-RC	Sullins	DK
PRPC010DAAN-RC	Sullins	DK
RLB9012-100KL	Bourns	DK
CC0603KRX7R8BB104	Yageo	DK
CC0603KRX7R8BB103	Yageo	DK
C1608X7R1H334K080AC	TDK	DK
CRCW06031M00FKEAHP	Vishay Dale	DK
ESR03EZPF1001	Rohm	DK
ERA-3AEB1151V	Panasonic	DK
ERJ-PA3F2001V	Panasonic	DK
CRCW06034K70FKEAHP	Vishay Dale	DK
RC0603JR-075R1L	Yageo	DK
ESR03EZPF1002	Rohm	DK
EEE-1VA100AR	Panasonic	DK
RC0603JR-0715RL	Yageo	DK
ESR03EZPF1502	Rohm	DK
ESR03EZPF2002	Rohm	DK
RC0603JR-0747RL	Yageo	DK
ESR03EZPJ473	Rohm	DK
C0603C470J5GACTU	Kemet	DK
EEE-1VA470AP	Panasonic	DK
ERJ-PA3F5102V	Panasonic	DK
56DP30-01-1-AJN	Grayhill	DK
RC0603JR-0791RL	Yageo	DK
C0603C101J3GACTU	Kemet	DK
EEE-1EA101P	Panasonic	DK
RC0603JR-07200RL	Yageo	DK
ESR03EZPJ204	Rohm	DK
ESR03EZPJ221	Rohm	DK
CC0603JRNPO9BN221	Yageo	DK
CC0603JRNPO9BN471	Yageo	DK
RC0603JR-07510RL	Yageo	DK
ESR03EZPF5600	Rohm	DK
CRCW0603680RJNEAHP	Vishay	DK
EEU-FR1A332	Panasonic	DK
931	DO NOT PLACE	N/A
HSMU-A100-S00J1	Avago	DK
BAT54	Fairchild	DK
DG469EY-T1-E3	Vishay	DK
HSMM-A101-R00J1	Broadcom	DK

*DNP	DO NOT PLACE	(N/A)
NCJ10FI-H-01	Neutrik	MOUSER
NE5532DR	TI	DK
NRJ6HF	Neutrik	MOUSER
PJ-059A	CUI	DK
PQMC3-D12-D12-S	CUI	DK
PQMC3-D12-S5-S	CUI	DK
PVA2 OA H4 1.7N V2	C&K	DK
HSMZ-A100-R00J1	Broadcom	DK
*DNP	DO NOT PLACE	(N/A)
*DNP	DO NOT PLACE	(N/A)
TL074CDR	Texas Instruments	DK

RED = DO NOT PLACE

Vendor Part Num  
A31726-ND  
MMBT3904TPMSCT-ND  
S2011EC-04-ND  
S2011EC-10-ND  
RLB9012-100KL-ND  
311-1341-1-ND  
311-1360-1-ND  
445-5950-1-ND  
541-1.00MSCT-ND  
RHM1.00KADCT-ND  
P1.15KDBCT-ND  
P2.00KBYCT-ND  
541-4.70KSCT-ND  
311-5.1GRCT-ND  
RHM10KADCT-ND  
PCE4629CT-ND  
311-15GRCT-ND  
RHM15.0KADCT-ND  
RHM20.0KADCT-ND  
311-47GRCT-ND  
RHM47KDCT-ND  
399-1056-1-ND  
PCE4641CT-ND  
P51KBYCT-ND  
GH7279-ND  
311-91GRCT-ND  
399-8980-1-ND  
PCE3896CT-ND  
311-200GRCT-ND  
RHM200KDCT-ND  
RHM220DCT-ND  
311-1073-1-ND  
311-1520-1-ND  
311-510GRCT-ND  
RHM560ADCT-ND  
541-680SACT-ND  
P14383-ND  
**DO NOT PLACE**  
516-3075-1-ND  
BAT54FSCT-ND  
DG469EY-T1-E3CT-ND  
516-2124-1-ND

DO NOT PLACE

568-NCJ10FI-H-0

296-13622-1-ND

550-20311

CP-059A-ND

102-2824-ND

102-2828-ND

401-1147-ND

516-1459-1-ND

DO NOT PLACE

DO NOT PLACE

296-1283-1-ND

Description	Pkg Code
CONN USB RECEPT R/A TYPE A 4POS	TH
TRANS NPN 40V 0.2A SOT23	SOT23
CONN HEADER .100" DUAL STR 8POS	TH
20 Positions Header .100" Dual	TH
FIXED IND 10UH 3.4A 45 MOHM TH	TH
CAP CER 0.1UF 25V 10% X7R 0603	603
CAP CER 10000PF 25V 10% X7R 0603	603
CAP CER 0.33UF 50V X7R 0603	603
RES 1.00M OHM .25W 1% 0603 SMD	603
RES 1K OHM 1/4W 1% 0603 SMD	603
RES SMD 1.15KOHM 0.1% 1/10W 0603	603
RES SMD 2K OHM 1% 1/4W 0603	603
RES 4.70K OHM .25W 1% 0603 SMD	603
RES SMD 5.1 OHM 5% 1/10W 0603	603
RES 10K OHM 1/4W 1% 0603 SMD	603
CAP ALUM 10UF 20% 35V SMD Size C	SMD_C
RES SMD 15 OHM 5% 1/10W 0603	603
RES 15K OHM 1/4W 1% 0603 SMD	603
RES 20K OHM 1/4W 1% 0603 SMD	603
RES SMD 47 OHM 5% 1/10W 0603	603
RES 47K OHM 1/4W 5% 0603 SMD	603
CAP CER 47PF 50V COG/NPO 0603	603
CAP ALUM 47UF 20% 35V SMD Size E	SMD_E
RES SMD 51K OHM 1% 1/4W 0603	603
SWITCH ROTARY 2-12POS 200MA 115V	TH
RES SMD 91 OHM 5% 1/10W 0603	603
CAP CER 100PF 25V 5% NPO 0603	603
100-μF 25V Aluminum Capacitors Radial	Panasonic_F
RES SMD 200 OHM 5% 1/10W 0603	603
RES 200K OHM 1/4W 5% 0603 SMD	603
RES 220 OHM 1/4W 5% 0603 SMD	603
CAP CER 220PF 50V 5% NPO 0603	603
CAP CER 470PF 50V 5% NPO 0603	603
RES SMD 510 OHM 5% 1/10W 0603	603
RES 560 OHM 1/4W 1% 0603 SMD	603
RES SMD 680 OHM 5% 1/4W 0603	603
CAP ALUM 3300UF 20% 10V RADIAL	TH_5mmgrid_12mmwidth
DO NOT PLACE	*
LED IND 594NM AMBER TOP MT 2PLCC	2PLCC
DIODE SCHOTTKY 30V 200MA SOT23-3	SOT23-3
IC SWITCH SNGL SPDT 8SOIC	8SOIC
LED GREEN CLEAR 2PLCC SMD	2PLCC

DO NOT PLACE	*
XLR Connectors STEREO JK HORIZ PCB MNT RETENTION SPRING	TH
IC OPAMP GP 10MHZ 8SOIC	8SOIC
Phone Connectors 3C STEREO 3-SPST NC NO HARDWARE INCLUDED	TH
CON PWR JCK 2.0X5.7MM TPRD PINS	PJ-059
DC/DC CONVERTER +/-12V 125MA 3W	TH
DC/DC CONVERTER 5V 600MA 3W	TH
SWITCH PUSH DPDT 0.1A 32V	TH
LED RED CLEAR 2PLCC SMD	2PLCC
DO NOT PLACE	*
DO NOT PLACE	*
IC OPAMP JFET 3MHZ 14SOIC	14SOIC

Qty-1 Part References

1 X2

4 T1, T2, T3, T14

1 JP13

2 JP5, JP6

3 L1, L2, L5

20 C1, C2, C3, C4, C5, C6, C7, C14, C17, C18, C26, C34, C37, C40, C41, C44, C48, C49, C51, C52

6 C10, C11, C32, C38, C42, C45

2 C8, C9

6 R2, R3, R10, R14, R17, R18

7 R1, R5, R15, R24, R25, R40, R65

2 R9, R12

1 R6

1 R19

2 R13, R33

6 R7, R8, R20, R22, R23, R26

2 C15, C16

1 R34

6 R46, R47, R48, R49, R51, R52

1 R21

1 R35

1 R42

1 C22

5 C12, C13, C19, C29, C50

1 R50

1 U\$1

1 R36

2 C23, C24

4 C27, C28, C30, C31

1 R37

4 R4, R16, R39, R41

6 R27, R28, R29, R30, R31, R32

3 C25, C46, C47

2 C20, C21

1 R38

11 R11, R53, R54, R55, R56, R57, R58, R59, R60, R61, R62

3 R43, R44, R45

1 C33

1 OLED1

6 LED1, LED6, LED10, LED11, LED14, LED16

12 D1, D2, D3, D4, D5, D7, D9, D10, D11, D14, D15, D16

1 IC13

4 LED2, LED5, LED8, LED9

1 IC3

1 X1

1 IC5

4 J1, J3, J4, J9

1 J10

1 IC11

1 IC12

1 S12

6 LED4, LED7, LED12, LED13, LED15, LED17

6 U\$12, U\$14, U\$27, U\$28, U\$31, U\$32

10 U\$7, U\$11, U\$33, U\$39, U\$40, U\$42, U\$43, U\$44, U\$45, U\$48

3 IC1, IC2, IC4



Value

.1uf  
.01uf  
.33uf  
1M  
1k  
1k15  
2k  
4.7k  
5.1R  
10k  
10uf  
15R  
15k  
20k  
47R  
47k  
47pf  
47uf  
51k  
56DP30  
91R  
100pf  
100uf  
200R  
200k  
220R  
220pf  
470pf  
510R  
560R  
680R  
3300uf

ADAFRUIT\_931\_OLED\_128X32

AMBER

BAT54

DG469

GREEN

INA217P

NCJ10FI-H-0

NE5532D

NRJ6HF2

PJ-059B

PQMC3-D12-D12-S

PQMC3-D12-S5-S

PVA2

RED

RK09

TL52\_PLUS

TL074D