

	Description	Designator	Footprint	LibRef	Quantity
104 104 104 104		1 2	Footprint 0603C 0603C 0603C 0603C	LibRef Cap Cap	
104		3	0603C	Cap	
		5	0603C	Cap	
104		6	0603C	Cap	
104		8	0603C	Cap	
CR1220		BAT1	1220	CR1220	
106 104		C1 C2	0805C 0603C	C C	
106		C3	0805C	C	
229		čŠ	0603C	Čao	
22P 104		C6 C7	0603C	Cap	
CAP 100NF CAP 4.7NF		C8	0603C	CAP 7F CAP 7F	
CAP TOPF		čio	0603C	CAP 7F	
LEDO	Typical INFRARED Typical INFRARED	D1 D2	0603C R38 R38	CAP 7F LEDO LEDO WS28128 WS28128 WS28128 WS28128	
WS2812B WS2812B		12	WS28128 WS28128	WS28128 WS28128	
WS2812B		L3 L4	WS28128	WS28128	
W32012B		LED1	LED_0805	UEDO	
Speaker IN_14 IN_14	Loudspeaker	IED1 LS1 N1 N2 N2 N3 N4	IN14 IN14 IN14 IN14	Speaker N_14 N_14	
N_14		NZ	N14	N_14	
N 14 N 14		NA NA	R14	N 14 N 14	
nesdet 4	Header, 4-Pin Header, 2-Pin	0.2	XH2 54.2P	Header 4 Header 2	
PACK 1 PACK 1 PACK 1 PACK 1		PAD1 PAD2 PAD3	PACK 1 PACK 1 PACK 1	PACK 1	
PACK 1		PAD2 PAD3	PACK 1	PACK 1	
PACK 1 PACK 1		PAD4 PAD5	PACK 1	PACK 1	
PACK 1	MDM Ripolar Teace	PAD6	PACK 1	PACK 1	
NPN	NPN Bipolar Trans	02	LC-S0T-23/50T-2	NPN	
NPN NPN	NPN Bipolar Trans NPN Bipolar Trans	02 03 04 05	LC-S0T-23(S0T-2 LC-S0T-23(S0T-2	NPN NPN	
MPN	NPN Bipolar Trans NPN Bipolar Trans	Q5	LC-S0T-23(S0T-2 LC-S0T-23(S0T-2	NPN NON	
NPN	NPN Bipolar Trans	06 07	LC-S0T-23(50T-2	NPN	
NPN NPN	NPN Bipolar Trans	08	LC-S0T-23(50T-2	NPN NPN	
PACK 1 NPN NPN NPN NPN NPN NPN NPN NPN NPN NP	NPN Bipolar Trans	07 08 09 010	LC S01-23/501-2 LC S01-23/501-2 LC S01-23/501-2 LC S01-23/501-2 LC S01-23/501-2	NPN	
10°N 10°N 10°N 10°N 10°N 10°N 10°N 10°N	NPN Bipolar Trans	011 012 013 014 015 015 016 017 017	LC-S0T-23/S0T-2 LC-S0T-23/S0T-2 LC-S0T-23/S0T-2 LC-S0T-23/S0T-2 LC-S0T-23/S0T-2	PACK 1 NPN NPN NPN NPN NPN NPN NPN NPN NPN NP	
NPN NPN	NPN Bipolar Trans NPN Bipolar Trans	013	LC-S0T-23/S0T-2 LC-S0T-23/S0T-2	NPN NPN	
NPN	NPN Bipolar Trans	015	IC-S01-23/S01-2 IC-S01-23/S01-2 IC-S01-23/S01-2 IC-S01-23/S01-2 IC-S01-23/S01-2	NPN	
NPN	NPN Bipolar Trans	017	LC-S0T-23/50T-2	NPN	
MPN	NPN Bipolar Trans	018	LC-S0T-23/S0T-2	NPN NON	
MPN	NPN Bipolar Trans	021	LC-S0T-23/S0T-2 LC-S0T-23/S0T-2	NPN	
NPN	NPN Bipolar Trans NPN Bipolar Trans	020 021 022 023 024 025 026	LC-S0T-23/S0T-2 LC-S0T-23/S0T-2 LC-S0T-23/S0T-2	NPN	
NPN NPN	NPN Bipolar Trans	Q24 Q25	LC-S0T-23/S0T-2 LC-S0T-23/S0T-2	NPN NPN	
NPN	NPN Bipolar Trans	026	LC-S0T-23(50T-2	NPN	
NPN	NPN Bipolar Trans	Q28	LC-S0T-23(S0T-2 LC-S0T-23(S0T-2	NPN	
NPN NPN	NPN Bipolar Trans NPN Bipolar Trans	Q29 Q30	LC-S0T-23(S0T-2 LC-S0T-23(S0T-2 LC-S0T-23(S0T-2 LC-S0T-23(S0T-2	NPN NPN	
MPN	NPN Bipolar Trans	Q31 Q32	LC-S0T-23(S0T-2	NPN NON	
NPN NPN NPN NPN NPN NPN NPN	NPN Bipolar Trans	027 028 029 030 031 032	LC-S0T-23(S0T-2 LC-S0T-23(S0T-2 LC-S0T-23(S0T-2	NPN NPN NPN NPN NPN NPN NPN	
MPN	NPN Bipolar Trans		LC-S01-23(S01-2	NPN	
NEN NEN NEN NEN NEN NEN	NPN Bipolar Trans	035 036 037 038 039	LC-S0T-23/S0T-2 LC-S0T-23/S0T-2	NPN NPN NPN NPN NPN NPN NPN	
MPN	NPN Bipolar Trans NPN Bipolar Trans	038	LC-S0T-23/S0T-2 LC-S0T-23/S0T-2	NPN	
NPN	NPN Bipolar Trans	040	LC-S0T-23/50T-2	NPN	
MPN	NPN Bipolar Trans	041			
NPN	NPN Bipolar Trans	043	LC-S0T-23/S0T-2 LC-S0T-23/S0T-2	NPN NPN	
OR		R2	0603R	Res1	
1K OR OR 10K OR 10K 10K 10K 10K 10K 10K 10K 10K 10K 10K		R3	0603R 0603R	Res1 Res1	
10K		RS .	0603R	Res1	
1K		RD R7	0603R	Res1	
10K 100R		RS R9	0603R 0603R	Res1	
10K		R10 R11 R12	0603R 0603R 0603R	Res1	
TUK		R12	U6U3R	78.	
10K		R13	06038	76	
10K		R15	0603R	7K	
100R		R16 R17	0603R	Res1	
100R 2K		R18	0603R 0603R	Res1	
2K 2K 2K		R20	0603R 0603R 0603R 0603R	TK TK	
2K		R22	0603R	7Ř	
2K 2K		R20 R21 R22 R23 R23 R24	0603R 0603R	7K	
10K		R25	0603R	Res1	
20K		R27	0603R	Res1	
10K 100R 20K 20K 20K 20K 20K 20K 20K		R27 R28 R29 R30 R31	0603R 0603R 0603R 0603R	Res1	
20K		R30 R31	0603R 0603R	Rest Rest	
20K		NJ2	0603R	Rest	
20K		R33 R34	0603R	Mes 1	
Rest	Resistor Resistor	R35 R36 R37 R38 R39	0805C 0805C 0603R 0603R	Rest Rest	$\vdash \equiv$
20K		R37 P38	0603R 0603R	Res1 Ros1	
20K		R39	0603R 0603R	Res1	
20K		R40 R41	0603R	Res1	
20K		R42	0603R 0603R	Rest Rest	
20K		R44	0603R	Res1	
2UK		R47	0603R	Res1	
			0603R	Res1 Res1	
20K 20K		849			
20K 20K 20K 20K		R49 R50	0603R 0603R	Mes1	
20K 20K 20K 20K 20K 20K		R40 R41 R42 R43 R43 R44 R45 R47 R47 R48 R40 R50 R51 R51	0603R 0603R 0603R	Res1 Res1	
20K 20K 20K 20K 20K 20K 20K 20K 20K		R52	0603R 0603R 0603R 0603R 0603R 0603R	Rest Rest Rest Rest	
Ros1 Ros1 Ros1 Z(K		R50 R50 R51 R52 R53 R54 R54	0603R 0603R 0603R 0603R 0603R 0603R	Rost Rost Rost Rost Rost Rost	
		R52 R53 R54 R55 R56 R56	0603R 0603R 0603R 0603R 0603R 0603R 0603R 0603R	R651 R651 R651 R651 R651 R651 R651 R651	
		R52 R53 R54 R55 R56 R56	0603R 0603R	Rest	
		R52 R53 R54 R55 R56 R56 R56 R56 R56	0603R 0603R	Rest	
		1652 1853 1854 1855 1856 1856 1857 1858 1859 1860	0603R U6U3R 06U3R 0603R 0603R 0805C 0805C	Rost Rost Rost Rost 2K 2K Rost	
		1652 1853 1854 1855 1856 1856 1857 1858 1859 1860	0603R 0603R	Rest	
		1652 1653 1654 1655 1656 1657 1657 1658 1659 1660 1661 1662 1663 1663 1664 1665	0603R U6U3R 06U3R 0603R 0603R 0805C 0805C	Rost Rost Rost Rost 2K 2K Rost	
		N5.2 N5.3 N5.4 N5.5 N5.5 N5.6 N5.7 N5.8 N5.9 N6.0 N6.0 N6.0 N6.2 N6.3 N6.4 N6.5 N6.4 N6.5 N6.6	0603R U6U3R 06U3R 0603R 0603R 0805C 0805C	Rost Rost Rost Rost 2K 2K Rost	
20K 20K 20K 20K 20K 20K 20K 20K 20K 20K		1652 1853 1854 1855 1856 1857 1858 1850 1860 1861 1862 1863 1864 1865 1865 1866 1866 1866 1866	060 38 060 38	Rost Rost Rost Rost 2K 2K Rost	
20K 20K 20K 20K 20K 20K 20K 20K 20K 20K		1652 1853 1854 1855 1856 1857 1858 1850 1860 1861 1862 1863 1864 1865 1865 1866 1866 1866 1866	060 38 060 38	Rost Rost Rost Rost 2K 2K Rost	
		1652 1853 1854 1855 1856 1857 1858 1850 1860 1861 1862 1863 1864 1865 1865 1866 1866 1866 1866	0603R U6U3R 06U3R 0603R 0603R 0805C 0805C	Rost Rost Rost Rost 2K 2K Rost	
20K 20K 20K 20K 20K 20K 20K 20K 20K 20K		1652 1853 1854 1855 1856 1857 1858 1850 1860 1861 1862 1863 1864 1865 1865 1866 1866 1866 1866	060 38 060 38	Rost Rost Rost Rost 2K 2K Rost	
ZUK  ZUK  ZUK  ZUK  ZUK  ZUK  ZUK  ZUK		N5.2 N5.3 N5.4 N5.5 N5.5 N5.6 N5.7 N5.8 N5.9 N6.0 N6.0 N6.0 N6.2 N6.3 N6.4 N6.5 N6.4 N6.5 N6.6	GACSR (DRUSSR) URRUSSR (DRUSSR) GROSSR (GROSSR) GROSSC (GROSSR) GROSSC (GROSSR (GROSSR) GROSSC (GROSSR (GROSSR) GROSSR (GROSSR	NOST   NO	
20K 20K 20K 20K 20K 20K 20K 20K 20K 20K	Connector	18-2   18-2   18-2   18-2   18-2   18-3   18-3   18-3   18-3   18-3   18-3   18-5   18	060 38 060 38	Rost Rost Rost Rost 2K 2K Rost	
ZUK  ZUK  ZUK  ZUK  ZUK  ZUK  ZUK  ZUK	Connector PM Bastcoth #0	1652 1853 1854 1855 1856 1857 1858 1850 1860 1861 1862 1863 1864 1865 1865 1866 1866 1866 1866	GACSR (DRUSSR) URRUSSR (DRUSSR) GROSSR (GROSSR) GROSSC (GROSSR) GROSSC (GROSSR (GROSSR) GROSSC (GROSSR (GROSSR) GROSSR (GROSSR	NOST   NO	
ZUK  ZUK  ZUK  ZUK  ZUK  ZUK  ZUK  ZUK	Connector THAT DALLEGOTT MG	18-2   18-2   18-2   18-2   18-2   18-3   18-3   18-3   18-3   18-3   18-3   18-5   18	GACSR (DRUSSR) URRUSSR (DRUSSR) GROSSR (GROSSR) GROSSC (GROSSR) GROSSC (GROSSR (GROSSR) GROSSC (GROSSR (GROSSR) GROSSR (GROSSR	NOST   NO	
ZUK  ZUK  ZUK  ZUK  ZUK  ZUK  ZUK  ZUK	Connector HM fourtooth Inc	169.5 165.4 165.4 165.5 165.5 165.6 165.7	Geo58 (1901) 38	ROST	
20K	Connector Wild Guestooth IIIC	169.5 165.4 165.4 165.5 165.5 165.6 165.7	Geo58 (1901) 38	NGC	
ZUK  ZUK  ZUK  ZUK  ZUK  ZUK  ZUK  ZUK	Connector WA Guestooth WA	169.5 165.4 165.4 165.5 165.5 165.6 165.7	Ge058	ROST	