





Comment	Description	Designator	Footprint	LibRef	Quantity
Сар	Capacitor	C1	RAD-0.1	CAP CER 0.1UF 50V	
		1		X7R RADIAL	
Cap Pol1	Polarized Capacitor (Radial)	C2	Capacitor 330nF	Cap Pol1	
POWER	Typical RED GaAs LED	D1	LED_5MM	LED1	
API CONNECTION	Typical RED GaAs LED		LED_5MM	LED1	
593 - GND	BATTERY CONTACT	J1	FP-593-MFG	CMP-19636-000031-1	
575 GI45	SNAP 9V PC PIN	,	11 070 1411 0	GWII 17000 0000011	
594 - 9V	BATTERY CONTACT SNAP 9V PC PIN	J2	FP-594-MFG	CMP-19636-000029-1	
HC.	Typical RED GaAs LED	L1. L128	PCBComponent_1	LED1	
HC1	Typical RED GaAs LED	L2	PCBComponent_1	LED1	
HC2	Typical RED GaAs LED	L3	PCBComponent_1	LED1	
HC3	Typical RED GaAs LED	L4	PCBComponent_1	LED1	
WH	Typical RED GaAs LED		PCBComponent_1	LED1	
WH1 WH2	Typical RED GaAs LED Typical RED GaAs LED	L6	PCBComponent_1 PCBComponent_1	LED1 LED1	
WH3	Typical RED GaAs LED	L8	PCBComponent_1	LED1	
AS	Typical RED GaAs LED	L9, L120	PCBComponent_1	LED1	
AS1	Typical RED GaAs LED	L10	PCBComponent_1	LED1	
BR	Typical RED GaAs LED	L11, L118	PCBComponent_1	LED1	
BR1 BR2	Typical RED GaAs LED Typical RED GaAs LED	L12, L119 L13	PCBComponent_1	LED1 LED1	
AB	Typical RED GaAs LED	L14, L115	PCBComponent_1 PCBComponent_1	LED1	
AB1	Typical RED GaAs LED		PCBComponent_1	LED1	
AB2	Typical RED GaAs LED	L16, L117	PCBComponent_1	LED1	
BT	Typical RED GaAs LED	L17, L112	PCBComponent_1	LED1	
BT1	Typical RED GaAs LED	L18, L113	PCBComponent_1	LED1	
BT2 OK	Typical RED GaAs LED	L19, L114	PCBComponent_1	LED1	
DK DK1	Typical RED GaAs LED Typical RED GaAs LED	L20, L109 L21, L110	PCBComponent_1 PCBComponent_1	LED1 LED1	
OK2	Typical RED GaAs LED	L22, L111	PCBComponent_1	LED1	
OK3	Typical RED GaAs LED	L23	PCBComponent_1	LED1	
CS	Typical RED GaAs LED	L24, L105	PCBComponent_1	LED1	
CS1	Typical RED GaAs LED		PCBComponent_1	LED1	
CS2 PC	Typical RED GaAs LED	L26, L107	PCBComponent_1	LED1 LED1	
PC1	Typical RED GaAs LED Typical RED GaAs LED	L27, L102 L28, L103	PCBComponent_1 PCBComponent_1	LED1 LED1	
PC2	Typical RED GaAs LED	L29, L104	PCBComponent_1	LED1	
LB	Typical RED GaAs LED	L30, L99	PCBComponent_1	LED1	
LB1	Typical RED GaAs LED	L31, L100	PCBComponent_1	LED1	
LB2	Typical RED GaAs LED		PCBComponent_1	LED1	
MM MM1	Typical RED GaAs LED Typical RED GaAs LED	L33, L96 L34, L97	PCBComponent_1	LED1 LED1	
MM2	Typical RED GaAs LED		PCBComponent_1 PCBComponent_1	LED1	
EX	Typical RED GaAs LED		PCBComponent_1	LED1	
EX1	Typical RED GaAs LED		PCBComponent_1	LED1	
UN	Typical RED GaAs LED	L38, L39, L90, L91	PCBComponent_1	LED1	
UN1	Typical RED GaAs LED	L40, L92	PCBComponent_1	LED1	
UN2 UN3	Typical RED GaAs LED Typical RED GaAs LED	L41 L42	PCBComponent_1 PCBComponent_1	LED1 LED1	
DN	Typical RED GaAs LED	L43, L86	PCBComponent_1	LED1	
DN1	Typical RED GaAs LED		PCBComponent_1	LED1	
DN2	Typical RED GaAs LED		PCBComponent_1	LED1	
SC	Typical RED GaAs LED	L46, L83	PCBComponent_1	LED1	
SC1	Typical RED GaAs LED	L47, L84	PCBComponent_1	LED1	
EG EG1	Typical RED GaAs LED Typical RED GaAs LED	L48, L81 L49, L82	PCBComponent_1 PCBComponent_1	LED1 LED1	
GW	Typical RED GaAs LED	L50, L79	PCBComponent_1	LED1	
GW1	Typical RED GaAs LED	L51, L80	PCBComponent_1	LED1	
GW2	Typical RED GaAs LED	L52	PCBComponent_1	LED1	
RH	Typical RED GaAs LED	L53, L76	PCBComponent_1	LED1	
RH1	Typical RED GaAs LED	L54, L77	PCBComponent_1	LED1	
RH2 PK	Typical RED GaAs LED Typical RED GaAs LED	L55, L78 L56, L73	PCBComponent_1	LED1 LED1	
PK1	Typical RED GaAs LED	L57, L74	PCBComponent_1 PCBComponent_1	LED1	
AJ	Typical RED GaAs LED	L58, L71	PCBComponent_1	LED1	
AJ1	Typical RED GaAs LED	L59, L72	PCBComponent_1	LED1	
AJ2	Typical RED GaAs LED	L60	PCBComponent_1	LED1	
AJ3	Typical RED GaAs LED	L61	PCBComponent_1	LED1	
WB WB1	Typical RED GaAs LED Typical RED GaAs LED	L62, L67 L63, L68	PCBComponent_1 PCBComponent_1	LED1 LED1	
DCO	Typical RED GaAs LED	L64, L65	PCBComponent_1	LED1	
DCO1	Typical RED GaAs LED	L66	PCBComponent_1	LED1	
WB2	Typical RED GaAs LED	L69	PCBComponent_1	LED1	
WB3	Typical RED GaAs LED	L70	PCBComponent_1	LED1	
PK2	Typical RED GaAs LED Typical RED GaAs LED	L75	PCBComponent_1	LED1	
SC2 DN3	Typical RED GaAs LED Typical RED GaAs LED	L85 L89	PCBComponent_1 PCBComponent_1	LED1 LED1	
EX2	Typical RED GaAs LED	L95	PCBComponent_1	LED1	
CS3	Typical RED GaAs LED	L108	PCBComponent_1	LED1	
AS-WH1	Typical RED GaAs LED	L121	PCBComponent_1	LED1	
AS-WH2	Typical RED GaAs LED	L122	PCBComponent_1	LED1	
AS-WH3 AS-HC1	Typical RED GaAs LED Typical RED GaAs LED	L123	PCBComponent_1 PCBComponent_1	LED1 LED1	
AS-HC1 AS-HC2	Typical RED GaAs LED		PCBComponent_1 PCBComponent_1	LED1	
AS-HC3	Typical RED GaAs LED	L127	PCBComponent_1	LED1	
HT16K33 LEFT	Header, 14-Pin	P1	HDR1X14	Header 14	
HT16K33 RIGHT	Header, 14-Pin	P2	HDR1X14	Header 14	
NANO Vin side, USB	Header, 15-Pin	P3	HDR1X15	Header 15	
side pin 1 NANO Tx1 side, USB	Header, 15-Pin	P4	HDR1X15	Header 15	
side pin 1	Header, 15-Pin Header, 6-Pin, Right				
UART - GND LEFT	Angle	P5	HDR1X6H	Header 6H	
Extra Power	Header, 3-Pin Header, 2-Pin, Right	P6	HDR1X3	Header 3	
12C	Angle	P7	RAD-0.1	Header 2H	
Res1	Resistor	R1, R2	AXIAL-0.3	Res1	
1101M2S3CQE2	SWITCH SLIDE SPDT 6A 120V	SW1, SW2	FP-1101M2S3CQE2- MFG	CMP-10038-000019-1	
		1	IVIFU	1	
TTOTIVESSOCIE	Series 3-Terminal				