





































Comment	Description	Designator	Footprint	LibRef	Quantity
2460	Battery Holder, AA x 1, Through Hole	BT1	KEYSTONE_2410	2460	1
	SMD Aluminium				
	Electrolytic Capacitor, Radial Can, 1800 µF, 10				
	V, 0.092 ohm, TRV				
1800uF_6V3	Series	C1	CAPAE109103X105M	1800uF_6V3	1
1uF	1uF, 1206	C2, C4	C1206	1uF,1206	2
100nF	100nF, 1206	C3	C1206	100nF,1206	1
	Standard LEDs - SMD GRN WATER CLEAR		Kingbright_KPT-		
Green	0805	D1	2012EC_0	AP2012MGC	1
	KPT-2012EC - LED, Low				
	Power, Red, SMD, 0805 [2012 Metric], 30 mA, 2		Kingbright_KPT-		
Red	V, 617 nm	D2	2012EC_0	KPT-2012EC	1
	THT Vertical Socket				
	Header WR-PHD, Pitch 2.54 mm, Single Row, 4				
61300411821	pins	J1	61300411821	61300411821	1
	Pin Header, Signal, 1.27				
	mm, 1 Rows, 4 Contacts, Surface				
	Mount Straight,				
90814-0204	Picoflex 90814 Series	J2_TS1, J2_TS2	MOLEX_90814-0204	90814-0204	2
VLP-350-R	LIGHT PIPE, SINGLE, ROUND, PCB	LP1, LP2	VLP-350-R	VLP-350-R	2
VLF-530-IX	Power MOSFET, N	Lr I, Lr Z	VLF -330-K	VLF-330-K	2
	Channel, 60 V, 260 mA,				
NTR5103NT1G	1 ohm, SOT-23, Surface Mount	Q1	SOT23	NTR5103NT1G	1
INTROTOSINTIG	Power MOSFET, N	QI	30123	1111310311110	ı
	Channel, 60 V, 260 mA,				
#NAME?	1 ohm, SOT-23, Surface Mount	Q2_TS1, Q2_TS2	SOT23	NTR5103NT1G	2
#TVAIVIL:	IVIOUTI	Q2_131, Q2_132	R1206_Simple-	1411/3103141116	2
82		R4, R5	Assemble	82, 1206	2
101	10k, 1206, 250mW,	D/ D7	R1206_Simple-	101, 1207	2
10k	200V	R6, R7	Assemble	10k, 1206	2
	SMD Chip Resistor,				
	1206 [3216 Metric], 1		D1204 Cimple		
1k2	kohm, MCSR 12 Series, 200 V, Ceramic, 250 mW	R9, R11 TS1, R11 TS2	R1206_Simple- Assemble	1k2, 1206	3
	Tactile Switch, FSMJSM	,		,	-
	Series, Top Actuated,				
	Surface Mount, Round Button, 260 gf, 50mA at				
FSM2JSMAA	24VDC	S1, S2	FP-FSM2JSMAA-MFG	FSM2JSMAA	2
	USB-modules (802.11)				
	SMD Module ESP32- WROOM-32E, ESP32-			ESP32-WROOM-	
	D0WD-V3, 16 MB SPI			32E(M113EH2800PH3Q0	
ESP32-WROOM-32E	flash, PCB antenna	U1	ESP32-WROOM-32E)	1
	Temperature Sensor IC, Digital, ± 0.1°C, -40 °C,				
SI7051-A20-IM	125 °C, DFN, 6 Pins	U2	3x3 6-pin DFN	SI7051-A20-IM	1