





CAUTION: HIGH VOLTAGE

Pin 1 Pad Style: SX85Y55D35P  
Default Pad Style: SX85Y55D35P  
Alt 1 Pad Style: OX60Y90D30P  
Alt 2 Pad Style: OX90Y60D30P

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Default Pad Style: SX55Y55D35P  
Alt 1 Pad Style: OX60Y90D30P  
Alt 2 Pad Style: OX90Y60D30P

Comment	Description	Designator	Footprint	LibRef	Quantity
KPEG242	Piezo Indicator, 4100 Hz, 3 to 16 V, -20 to 70 degC, 2-Pin THD, RoHS	B21	KINGS-KPEG242-2	CMP-2000-06518-1	1
330 pF		C1, C2	CAPC2013X70X45NL1 0T25	CMP-2007-00889-1	2
22nF	Condensator X2 Condensator 275VAC X2 Polypropylene Film Condensator 0.02uF 22nF Pitch 10Mm12.5 x 6 x 12 mm THD, RoHS, Bulk	C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13	VISH-BFC233820104-2_V	CMP-0478-00361-1	11
100nF X7R 50V		C14, C15, C16, C17	CAPC2013X70X45NL1 0T25	CMP-2007-00889-1	4
100nF 630 V	CAP 470nF 50V ±10% 1812 (4532 Metric) Thickness 1.25mm SMD	C18	CAPC1812(4532)125_M	CMP-1040-01539-1	1
100nF 630V	CAP 470nF 50V ±10% 1812 (4532 Metric) Thickness 1.25mm SMD	C19	CAPC1812(4532)125_M	CMP-1040-01539-1	1
100uF 16V		C20, C21	100uF 16V etco	Component_1	2
1N4148	High-speed Diode, 100 V, 450 mA, 2-Pin SOD27, RoHS	D1	NXP-SOD27-2_V	CMP-0648-00002-1	1
SA5.0A	500 W Peak Power, MiniMOSORB(TM) Zener Transient Voltage Suppressor, Unidirectional, 2-Pin Axial_Lead, Bulk Box	D2, D3, D4	ONSC-AXIAL_LEAD-2-59AA-01_P	CMP-1061-00012-1	3
1N5819	Rectifier, 2-Pin Axial_Lead, Pb-Free, Bulk Bag	D5, D6	ONSC-AXIAL_LEAD-2-59-10_P	CMP-1055-00042-1	2
BAV21	BAV21TR Diode 250V 0.2A DO35	D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17	MCSM-DO-35-2	CMP-2000-06494-1	11
500mA	Fuse	F1	39211000000	39211000000	1
CD4093BE	CMOS Quad 2-Input NAND Schmitt Triggers, N0014A, TUBE	IC1	N0014A	CMP-1627-00493-3	1
173010578	Undefined or Miscellaneous	IC2	173010578	173010578	1
P82B715P	I2C Bus Extender, 2 Channel Width, 3.0 to 12.0 V, -40 to 85 degC, 8-pin PDIP (P), Pb-Free (RoHS)	IC3	P0008A	CMP-0314-00015-2	1
PCF8574N	Remote 8-Bit I/O Expander for I2C-Bus, 2.5 to 6 V, -40 to 85 degC, 16-pin PDIP (N), Pb-Free (RoHS)	IC4	N0016A	CMP-0314-00016-2	1
ICM7555IPAZ		IC5	Intersil_ICM7555IPAZ_0	ICM7555IPAZ	1
615008138021	Modular Jack WR-M0, Plastic, Vertical Entry, THT, 8P8C	J1, J2, J3	615008138021	CMP-1502-01725-1	3
1729128	PCB Terminal Block, 13.5 A, 400 V, 2-Pin THD, RoHS, Bulk	K1	PHOE-1729128-2_V	CMP-2000-05815-1	1
6mm fuseholder	FUSE CLIP CARTRIDGE 250V 15A PCB	K2, K3	FP-102-MFG	CMP-08604-000017-1	2
9V Battery		K4	PCBComponent_1	Component_1	1
47uH	Radial Loaded Wire Wound Inductor WE- TI, L = 100 µH	L1	WE-TI-LS	CMP-0225-00030-1	1
151033G503000	LED	led1	PCBComponent_1	Component_1	1
ESP32-DEVKITC-32D	EVAL BOARD FOR ESP WROOM-32	LED1	151033G503000	151033G503000	1
		MCU ESP32	MODULE_ESP32-DEVKITC-32D	ESP32-DEVKITC-32D	1
47		R1	FP-RC1206-IPC_C	1206 weerstand	1
330		R2, R3, R4, R5	FP-RC1206-IPC_C	1206 weerstand	4
3k3		R6	FP-RC1206-IPC_C	1206 weerstand	1
4k7		R7, R8, R9, R10, R11	FP-RC1206-IPC_C	1206 weerstand	5
5k6		R12	FP-RC1206-IPC_C	1206 weerstand	1
10k		R13, R14, R15, R16	FP-RC1206-IPC_C	1206 weerstand	4
27k		R17, R18, R19	FP-RC1206-IPC_C	1206 weerstand	3
100k		R20	FP-RC1206-IPC_C	1206 weerstand	1
470k		R21	FP-RC1206-IPC_C	1206 weerstand	1
1M	No Description Available	R22, R23	RES_VR25	VR25000001004JA100	2
4M7	No Description Available	R24, R25	RES_VR25	VR25000001004JA100	2
tactile switch 10mm	Tact Switch, SPST- NO, 0.05 A, -35 to 85 degC, 4-Pin THD, RoHS, Bulk	SW1, SW2, SW3	TECO-1825910-6_V	CMP-1684-00021-1	3
BC547B	Amplifier Transistor, NPN Silicon, 3-Pin TO- 92, Bulk Box	T1, T2, T3	ONSC-TO-92-3-29-11	CMP-1048-01467-1	3
2N7000	Small Signal MOSFET, 200 mA, 60 V, N- Channel, 3-Pin TO-92, Bulk Box	T4, T5	ONSC-TO-92-3-29-11	CMP-1058-00936-1	2
	MOSFET (N-Channel)	T6	DIP920W6QP254L490 H33704N	IRLD110PBF	1
	Variable Resistor	VR1, VR2	RMDX5102	RM-065-102	2