

Manufacturer	Manufacturer Part Number	Name	ERP Part Number	ERP	Designator	Qty	Description	Case	SMD ,BGA,LCC,OR TH	points	points
VISHAY	VJ0603Y104KXJW1BC	Capacitors			C1, C2, C3, C4, C72, C73, C74, C75, C81, C82, C89, C90, C93, C94, C95	15	100nF,50V,10%,X7R,0603	C0603	SMD	2	30
TDK	C2012X5R1A106K125AB				C5	1	(MLCC- SMD/SMT) 10uF 10% 10Volts	C0805	SMD	2	2
VISHAY	VJ0805Y105KXQTW1BC				C6, C7	2	(MLCC- SMD/SMT) 0805 1uF 10volts X7R 10%	C0805	SMD	2	4
VISHAY	VJ0805V475ZXQTW1BC				C78, C77	2	(MLCC- SMD/SMT) 0805 4.7uF 10volts Y5V +80-20%	C0805	SMD	2	4
TDK	C2012X5R1A225K085AA				C78	1	CAP CER 2.2UF 10V 10% X5R 0805	C0805	SMD	2	2
TDK	C4532X5R1A476M280KA				C79	1	CAP CER 47UF 10V 20% X5R 1812	C1812	SMD	2	2
VISHAY	VJ0603Y103KXAAC				C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C63, C64, C65, C66, C67, C68, C69, C70, C71	64	10nF,50V,10%,X7R,0603	C0603	SMD	2	128
KEMET	C1206C107M9PACTUJ				C80	1	(MLCC- SMD/SMT) 6.3volts 100uF 20% X5R	C1206	SMD	2	2
TDK	C3225X5R0J107M250AC				C85	1	CAPACITOR, 1210, X5R, 6.3V, 100UF	C1210	SMD	2	2
TDK	C3225X7S1H106M250AB				C86	1	CAPACITOR , 10UF, 50V, X7S, 20%, 1210	C1210	SMD	2	2
YAGEO (PHYCOMP)	CC1206KRX7R9BB473	Diode			C87	1	CAPACITOR, 1206, 47NF, 50V	C1206	SMD	2	2
AVX	0805YC474KAT2A				C88	1	CAP MLCC, 0.47UF, 16V, X7R, 10%, 0805	C0805	SMD	2	2
PANASONIC	EEFCX0J101R				C83, C84	2	ALU ELEC, 100UF, 6.3V, SMD	D/7343-31R	SMD	2	4
MURATA	GRM188R60J475KE19D				C91, C92	2	CAP, MLCC, X5R, 4.7UF, 6.3V, SMD	C0603	SMD	2	4
ON SEMICONDUCTOR	BAV70LT3G				D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D17, D18, D19, D20, D21, D22, D23, D24, D25, D26, D27, D28, D29, D30, D31, D32, D33	32	Diodos: de propósito general, potencia y conmutación 70V 200mA Dual Common Cathode	SOT23	SMD	3	96
ON SEMICONDUCTOR	MBR0530T1G				D16, D36, D37, D38, D40, D41, D42	7	DIODE SCHOTTKY 0.5A, 30V, SOD-123	SOD123	SMD	2	14
ON SEMICONDUCTOR	MBR540T3G				D34, D35, D39	3	DIODE SCHOTTKY 40V 5A, SMA	SMA	SMD	2	6
BOURNS	MF-MSMF050-2	Fuse			F1	1	15V,500mA,1812 (4532 Metric)	L1812	SMD	2	2
BOURNS	SRR6038-3R3Y	Inductors			L1	1	INDUCTOR, SHIELDED, 3.3UH, 3.6A, SMD	SRR6038	SMD	2	2
MURATA	LQH32PN4R7NNCL				L2	1	INDUCTOR, POWER, 4.7UH, +/-30%	1210	SMD	2	2
DIODES INC.	ZXMN3A01F	MOSFET			Q1, Q2, Q3	3	MOSFET 30V 2A N-Channel	SOT23	SMD	2	6
VISHAY SILICONIX	SI9933CDY-T1-E3				Q4, Q5, Q6, Q7, Q8, Q9	6	MOSFET, PP CH, 20V, 8SOIC	SO8	SMD	8	48
YAGEO	AC0603FR-071ML				R1, R30	2	1M,1%,0.125W,0603	R0603	SMD	2	4
VISHAY	CRCW06033K0FKEA				R15	1	1/10watt 33Kohms 1%	R0603	SMD	2	2
VISHAY	CRCW06033K30FKEA				R11, R39	2	1/10watt 3.3Kohms 1%	R0603	SMD	2	4
VISHAY	CRCW06036K80FKEA				R18	1	1/10watt 6.8Kohms 1%	R0603	SMD	2	2
VISHAY	CRCW06031K20FKEA				R19	1	1/10watt 1.2Kohms 1%	R0603	SMD	2	2
VISHAY	CRCW060322R0FKEA				R2, R4	2	22R,5%,0.125W,0603	R0603	SMD	2	4
VISHAY	CRCW06032K00FKEA				R25	1	1/10watt 2.0Kohms 1%	R0603	SMD	2	2
TE CONNECTIVITY / NEOHM	CPF0603F45K3C1	Resistors			R26	1	RESISTOR, 0603, 45K3 1% 50PPM	R0603	SMD	2	2
YAGEO	AC0603FR-071KL				R3, R7, R12, R13, R14, R24, R40	7	1K,1%,0.125W,0603	R0603	SMD	2	14
YAGEO	AC0603FR-071OKL				R5, R6, R9, R17, R20, R21, R22, R23, R27, R28, R29, R31, R32, R33, R34, R35, R36, R37, R38	19	10K,1%,0.125W,0603	R0603	SMD	2	38
VISHAY	CRCW060347K0FKEB				R16	1	1/10watt 47Kohms 1%	R0603	SMD	2	2
VISHAY	CRCW06034K70FKEB				R8, R10	2	1/10watt 4.7kohms 1%	R0603	SMD	2	4
C&K Components	KSS241G	SWITCH			S1, RST	2	Interruptores tactiles SPST NO G LEAD 400g	KSS241G	SMD	2	4
BOURNS	CG0603MLC-05E	Varistor			Z1, Z2	2	ESD, 5V,0603	CT/CN0603	SMD	2	4
BOURNS	MH2029-300Y	Magnetic Bead			L3, L4, L5, L6, L7, L8, L9, L10, L11, L12, L13, L14, L15, L16	14	30R,3A,0805	805	SMD	2	28
DIALIGHT	598-8150-107F				TX, USB, RX, USB	2	yellow,0805	CHIPLED 0805	SMD	2	4
DIALIGHT	598-8191-107F				CONNEC., ASSOC.	2	Blue,0805	CHIP-LED0805	SMD	2	4
DIALIGHT	598-8110-107F				LOW BAT	1	Red,0805	CHIP-LED0805	SMD	2	2
World semi	WS2812	LED			LED1, LED2, LED3, LED4, LED5, LED6, LED7, LED8, LED9, LED10, LED11, LED12, LED13, LED14, LED15, LED16, LED17, LED18, LED19, LED20, LED21, LED22, LED23, LED24, LED25, LED26, LED27, LED28, LED29, LED30, LED31, LED32, LED33, LED34, LED35, LED36, LED37,LED38, LED39, LED40, LED41, LED42, LED43, LED44, LED45, LED46, LED47, LED48, LED49, LED50, LED51, LED52, LED53,LED54, LED55, LED56, LED57, LED58, LED59, LED60, LED61, LED62, LED63, LED64	64	Intelligent control LED integrated light source	5050	SMD	6	384
FAIRCHILD SEMICONDUCTOR	NC7SZ157P6X	IC			U1	1	IC, NC7SZ, MULTIPLEXER	SC70	SMD	6	6
NXP	74HC164D				U10	1	8BIT SHIFT REGISTER, 14SOIC	SO14	SMD	14	14
TEXAS INSTRUMENTS	LMV358DQKR				U11	1	OP AMP, LOW VOLTAGE, 1MHz, 1V/uS, MSOP-8	MSOP08	SMD	8	8
TEXAS INSTRUMENTS	TPS63002DRCT				U5	1	BUCK-BOOST CONV 5V 10-SON	SON-10	SMD	10	10
MICROCHIP	MCP73114-QNSIMF				U5	1	BATT CHARGER, L-I/ON/LI-POLY, 10DFN	DFN-10	SMD	10	10
TEXAS INSTRUMENTS	LMR10510XMFENOPB				U8	1	BUCK, 1A, 5.5VIN	SOT23-SL	SMD	5	5
ATMEL	ATMEGA32U4-AU				U8	1	ATMEGA32U4-AU, TQFP-44	TOFP44	SMD	44	44
ATMEL	ATMEGA328P-AU				U12	1	MCU, 8BIT, AVR, 32K FLASH, 32TQFP	TOFP32	SMD	32	32
ANALOG DEVICES	ADXL345BCCZ				U13	1	IC, ACCELEROMETER, 3AXIS, 14LGA	LGA14	SMD	14	14
MICROCHIP	RN131G-I/RM				U2	1	MODULE, WLAN, W/ANT, U.FL CONN	RN-131G	SMD	44	44
TEXAS INSTRUMENTS	LMZ22005T2NOPB	Connectors			U4	1	POWER MODULE, 20V, 5A, 7TO-PMOD	TO-PMOD	SMD	8	8
TEXAS INSTRUMENTS	CD74HC4050PW				U7	1	LOGIC, NON-INVERT, HEX, 11P, 16TSSOP	TSSOP16	SMD	16	16
NXP	74HC165D				U9	1	SHIFT REGISTER, 74HC165, 16SOIC	SO16	SMD	16	16
JST (JAPAN SOLDERLESS TERMINALS)	S2B-PH-SM4-TB(LF)(SN)				BAT	1	CONNECTOR, HEADER, SMT, R/A, 2MM, 2WAY	S2B-PH	SMD	2	2
HRS (HIROSE)	MQ172X-4PA(55)				X1	1	RECEPTACLE, I/O, 4WAY	MQ172X-4PA(55)	SMD	6	6
FCI	10118194-0001LF				X2	1	USB Connectors MICRO USB	Micro USB	SMD	9	9
MURATA ELECTRONICS	CSTCE16M0V53-R0				Y1, Y2	2	Resonadores 16Mhz	RESONATOR	SMD	3	6