

Used	Part Type	Designator	Footprint	Part Field 1	Part Field 2	Part Field 3	Part Field 4	Part Field 5	Part Field 6	Part Field 7
7	0U1	C1 C2 C3 C4 C6 C9 C15	0603N2	CAP CER 0.1UF 50V X7R 0603	CL10B104KB8SFNC	1276-1936-1-ND	DK	OK	0.035	10
6	1K	R1 R3 R4 R5 R8 R9	0603N2	RES SMD 1K OHM 5% 1/10W 0603	ERJ-3GEYJ102V	P1.0KGCT-ND	DK	OK	0.061	10
1	1R0	R12	0603N2	RES SMD 1 OHM 1% 1/10W 0603	RMCF0603FT1R00	RMCF0603FT1R00CT-ND	DK	OK	0.025	10
1	2u2	C12	0603N2	CAP CER 2.2UF 10V X7R 0603	C1608X7R1A225K080AC	445-5958-1-ND	DK	OK	0.269	10
2	3K3	R10 R11	0603N2	RES SMD 3.3K OHM 5% 1/10W 0603	ERJ-3GEYJ332V	P3.3KGCT-ND	DK	OK	0.061	10
1	5V6	ZD1	SMA-DIODE	DIODE ZENER 1W 5.6V SMA	SMAZ5V6-TP	SMAZ5V6-TPMSCT-ND	DK	OK	0.50200	10
1	10M	R13	0603N2	RES SMD 10M OHM 5% 1/10W 0603	ERJ-3GEYJ106V	P10MGCT-ND	DK	OK	0.061	10
2	10n	C13 C14	0603N2	CAP CER 10000PF 50V X7R 0603	CGA3E2X7R1H103K080AA	445-5662-1-ND	DK	OK	0.087	10
2	10uF, 16V	C7 C8	6032	CAP TANT 10UF 16V 10% 2312	T491C106K016AT	399-3732-1-ND	DK	OK	0.601	10
1	10uH	RFC1	0603N2	FIXED IND 10UH 50MA 900 MOHM SMD	LQM18FN100M00D	490-4025-1-ND	DK	OK	0.186	10
1	16MHZ	Y1	HC-49/U	CRYSTAL 16.0000MHZ 18PF SMD	MA-406 16.0000M-C3:ROHS	SER3645CT-ND	DK	OK	1.121	10
2	18pF	C10 C11	0603N2	CAP CER 18PF 50V C0G 0603	CGA3E2C0G1H180J080AA	445-5631-1-ND	DK	OK	0.087	10
1	33K	R7	0603N2	RES SMD 33K OHM 5% 1/10W 0603	ERJ-3GEYJ333V	P33KGCT-ND	DK	OK	0.061	10
1	68K	R14	0603N2	RES SMD 68K OHM 5% 1/10W 0603	ERJ-3GEYJ683V	P68KGCT-ND	DK	OK	0.061	10
2	100R	R6 R15	0603N2	RES SMD 100 OHM 5% 1/10W 0603	ERJ-3GEYJ101V	P100GCT-ND	DK	OK	0.061	10
1	200mA	F1	1206N2	PTC RESET 30V .160A SMD 1206	1206L016WR	F3132CT-ND	DK	OK	0.53	1
1	330R	R2	0603N2	RES SMD 330 OHM 5% 1/10W 0603	ERJ-3GEYJ331V	P330GCT-ND	DK	OK	0.061	10
1	ATMEGA328PB	U2	TQFP-32-7X7X0.8	IC MCU 8BIT 32KB FLASH 32TQFP	ATMEGA328PB-AUR	ATMEGA328PB-AURCT-ND	DK	OK	2.16	1
1	BAV74	D1	SOT-23	DIODE ARRAY GP 50V 200MA SOT23-3	BAV74LT1G	BAV74LT1GOSCT-ND	DK	OK	0.16	10
1	CON6	JP1	HEADER-6X1	CONN HEADER 6POS .100" R/A GOLD	0901210766	WM8112-ND	DK	OK	1.705	10
2	CON16	JP2 JP3	HEADER-16X1	CONN HEADER .100" SNGL STR 16POS	PRPC016SAAN-RC	S1011EC-16-ND	DK	OK	0.491	10
1	EN	TP2	TESTPOINT-2	*	*	*	*	*	*	*
1	LE1	SJ4	SOLDERPAD-NO	*	*	*	*	*	*	*
1	LE2	SJ3	SOLDERPAD-2WAY	*	*	*	*	*	*	*
1	LP2985-33DBVR	U3	SOT-23-5	IC REG LDO 3.3V 0.15A SOT23-5	LP2985-33DBVR	296-18476-1-ND	DK	OK	0.8	1
1	RE	SJ6	SOLDERPAD-NO	*	*	*	*	*	*	*
1	RESET	S1	SWITCH_EVQPE1_PANASONIC	SWITCH TACTILE SPST-NO 0.05A 12V	EVQ-PE105K	P13594SCT-ND	DK	OK	0.883	10
1	SF1	LED2	LED-1206	LED GREEN CLEAR 1206 SMD	SML-LX1206GC-TR	67-1357-1-ND	DK	OK	0.402	10
1	SF2	LED1	LED-1206	LED RED CLEAR 1206 SMD	SML-LX1206SRC-TR	67-1359-1-ND	DK	OK	0.43	10
1	TWIPU	SJ5	SOLDERPAD-2WAY	*	*	*	*	*	*	*
1	VREF EN	SJ1	SOLDERPAD-NO	*	*	*	*	*	*	*
2	VREF ON	SJ2 SJ7	SOLDERPAD-2WAY	*	*	*	*	*	*	*
1	Vref	TP1	TESTPOINT-2	*	*	*	*	*	*	*