

Item Number	Ref Des	QTY	Value	Tolerance	Description	Manufacturer	Manufacturer Part Number	Digikey Part Number
10	C1	1	2.2µF, 50V	±10%	CAP CER 2.2UF 50V X7R 1206	Murata Electronics North America	GRM31CR71H225KA88L	490-3367-1-ND
20	C17, C18	2	10.0µF, 10V	±10%	CAP CER 10UF 10V X5R 0805	Murata Electronics North America	GRM21BR61A106KE19L	490-1709-1-ND
30	C2, C4, C8, C9, C10, C11, C13, C16, C21	9	0.1µF, 10V	20%	CAP CER .1UF 10V X5R 0402	Kemet	C0402C104K8PACTU	399-3027-1-ND
40	C20	DNP	150.0µF, 16V	±20%	CAP 150UF 16V ELECT FK SMD	PANASONIC	EEV-FK1C151XP	PCE3512CT-ND
50	C3	1	2.2µF, 6.3V	20%	CAP CER 2.2UF 6.3V X5R 0402	Murata Electronics North America	GRM155R60J225ME15D	490-4519-1-ND
60	C5, C14	2	1.0µF, 10V	±10%	CAP CER 1UF 10V X5R 0402	Murata Electronics North America	GRM155R61A105KE15D	490-3890-1-ND
70	C7, C12	2	10.0µF, 10V	-20%/+80%	CAP 10UF 10V CERAMIC F 0805	KEMAT	ECJ-2FF1A106Z	PCC2233CT-ND
80	C22, C23	2	22pF, 50V	±5%	CAP 22PF 50V CERAMIC 0402 SMD	Panasonic - ECG	ECJ-0EC1H220J	PCC220CQCT-ND
90	J1	1			RCPT ASSY,R/A,CHAMP 050,100 P	TYCO ELECTRONICS/AMP	1-1734037-0	A33470-ND
100	J2	DNP			Retention Kit for P6960/P6980 Logic analyzer Probe	Tektronix	020-2539-00	
110	P1	DNP			CONN RCPT MICRO USB AB SMD R/A	Hirose Electric Co Ltd	ZX62-AB-5P	H11495CT-ND
120	P2	1			USB-OTG, Mini AB Receptacle, Surface Mount Right Angle	Molex/Waldom Electronics Corp	56579-0576	WM17122CT-ND
130	R1	1	100K	±5%	RES 100K OHM 1/16W 5% 0402 SMD	Vishay/Dale	CRCW0402100KJNED	541-100KJCT-ND
140	R10	DNP	1K	1%	RES 1K OHM 1W 2512 SMD	PANASONIC	ERJ-1TYF102U	PT1KAECT-ND
150	R18	1	78.7K	1%	RES 78.7K OHM 1/16W 1% 0402 SMD	PANASONIC	ERJ-2RKF7872X	P78.7KLCT-ND
160	R17	1	1M	5%	RES 1M OHM 1/10W 5% 0402 SMD	Vishay/Dale	CRCW04021M00JNED	541-1.0MJCT-ND
170	R2	1	8.06K	±1%	RES 8.06K OHM 1/16W 1% 0402 SMD	Vishay/Dale	CRCW04028K06FKED	541-8.06KLCT-ND
180	R23	1	10K	1%	RES 10.0K OHM 1/10W 0603 SMD	YAGEO	RC0603FR-0710KL	311-10.0KHRCT-ND
190	R32, R34	2	ZERO	±5%	RES ZERO OHM 1/4W 5% 0402 SMD	Vishay/Dale	CRCW12060000Z0EA	541-0.0ECT-ND
200	R24, R25, R27, R30	4	ZERO	±5%	RES ZERO OHM 1/16W 5% 0402 SMD	PANASONIC	ERJ-2GE0R00X	P0.0JCT-ND
210	R3, R4, R12, R13, R26, R28, R29	DNP	ZERO	±5%	RES ZERO OHM 1/16W 5% 0402 SMD	PANASONIC	ERJ-2GE0R00X	P0.0JCT-ND
220	R33	1	27	1%	RES 27 OHM 1/16W 1% 0402 SMD	Vishay/Dale	CRCW040227R0FKED	541-27.0LCT-ND
230	R5, R8, R11, R14, R15, R16	8	10K	±5%	RES 10K OHM 1/16W 5% 0402 SMD	PANASONIC	ERJ-2GEJ103X	P10KJCT-ND
240	R6	DNP	10K	±5%	RES 10K OHM 1/16W 5% 0402 SMD	PANASONIC	ERJ-2GEJ103X	P10KJCT-ND
250	R7	1	27K	1%	RES 27K OHM 1/16W 1% 0402 SMD	PANASONIC	ERJ-S02F2702X	ERJ-S02F2702X-ND
260	R9	1	169K	1%	RES 169K OHM 1/16W 1% 0402 SMD	PANASONIC	ERJ-2RKF1693X	P169KLCT-ND
270	R35	1	10	1%	RES 27 OHM 1/16W 1% 0402 SMD	Vishay/Dale	CRCW040210R0FKED	541-10.0LCT-ND
280	TP1, TP2, TP3, TP4, TP5	5			PC TEST POINT MINIATURE SMT	Keystone Electronics	5015	5015KCT-ND
290	U1	1			USB PHY with ULPI Interface	SMSC	USB3320C-EZK	
300	U10	1			IC ADJ 50MA LDO REG SOT-23-5	TEXAS INSTRUMENTS	TPS77001DBVT	296-2762-1-ND
310	U2	1			IC SW USB DUAL W/FB 10-UMAX	Maxim Integrated Products	MAX1823BEUB+	MAX1823BEUB+-ND
320	U6, U8	2			IC SINGLE INVERTER-GATE SOT-23-5	TEXAS INSTRUMENTS	SN74LVC1G04DBVR	296-11599-1-ND
330	U9	1			IC REG LDO 1.8V 150MA SOT-23-5	TEXAS INSTRUMENTS	TPS76318DBVT	296-2700-1-ND
340	X1	DNP	Note 1		OSCILLATOR PROG 3.3V +50PPM SMD, 26.0MHz	ABRACON CORPORATION	AP3S-BLANKS	AP3S3EC-ND
350	Y1	1	Note 2	+/-30ppm	CRYSTAL 26.000 MHZ 20PF SMD	CTS-Frequency Controls	403C35E26M00000	CTX733CT-ND

Note 1 Oscillator frequency depends on frequency selected by U1 pins REFSEL[2:0]. Frequency must be specified at time of order.

Note 2 Crystals may not available in all frequencies supported by U1.