

Bill of Materials

TI DESIGNS

TIPD111: Hardware Pace Detection for ECG Reference Design

Item #	Quantity	Value	Designator	Description	Manufacturer	Part Number	Supplier Part Number 1
1	2	1uF	C1, C7	CAP CER 1UF 25V 10% X7R 060	Taiyo Yuden	TMK107B7105KA-T	587-2984-1-ND
2	1	10000pF	C2	CAP CER 10000PF 50V 5% X7R	AVX	06035C103JAT2A	478-5007-1-ND
3	4	0.1uF	C3, C4, C5, C6	CAP CER 0.1UF 50V 10% X7R 06	TDK	C1608X7R1H104K	445-1314-1-ND
4	2	Red	J1, J2	TEST POINT PC MULTI PURPOS	Keystone	5010	5010K-ND
5	1		J3	CONN RCPT .100" 10POS DUAL	Samtec	SSW-105-01-T-D	SAM1212-05-ND
6	1		JP1	3 Position Jumper _ .1" spacing	Samtec	TSW-103-07-T-S	SAM1035-03-ND
7	1	392k	R1	RES 392K OHM 1/10W 1% 0603	Yageo	RC0603FR-07392KL	311-392KHRCT-ND
8	1	0	R2	RES 0.0 OHM 1/10W 0603 SMD	Yageo	RC0603JR-070RL	311-0.0GRCT-ND
9	1	10.2k	R3	RES 10.2K OHM 1/10W 0.1% 060	Panasonic	ERA-3AEB1022V	P10.2KDBCT-ND
10	4	10k	R4, R6, R7, R8	RES 10K OHM 1/10W 0.1% 0603	Panasonic	ERA-3AEB103V	P10KDBCT-ND
11	1	8.06k	R5	RES 8.06K OHM 1/10W 0.1% 060	Panasonic	ERA-3AEB8061V	P8.06KDBCT-ND
12	1	1M	R11	RES 1.00M OHM 1/10W 1% 0603	Yageo	RC0603FR-071ML	311-1.00MHRCT-ND
13	2	2M	R9, R10	RES 2.00M OHM 1/10W 1% 0603	Yageo	RC0603FR-072ML	311-2.00MHRCT-ND
14	1		S1	SWITCH TACTILE SPST-NO 0.02	Panasonic	EVQ-P2002M	P12296SCT-ND
15	4	Red	TP1, TP2, TP3, TP4	TEST POINT PC MINI .040"D RE	Keystone	5000	5000K-ND
16	2	Black	TP5, TP6	TEST POINT PC MINI .040"D BLA	Keystone	5001	5001K-ND
17	1		U1	IC OPAMP GP R-R 1MHZ SGL S	TI	OPA348AIDCKT	296-27989-1-ND
18	2		U2, U3	IC COMPARATOR SGL OD OUT	TI	TLV3401IDBVR	296-13376-1-ND
19	1		U4	IC DUAL 2-IN POS-NAND GATE	TI	SN74LVC2G00DCTR	296-13257-1-ND

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