Value	Parts	Device	Footprint	Cost Total	Tota		PX BMP	Link	Distributor Part Number	MFGR	MFGR Part Number	Footprint	Description	Note
	= DO NOT INSTALL						7.55 \$8.9							
	- BO NOT INOTIEE		_											
				\$85.18	\$75.	89 \$76	6.21 \$67.6	2						
1 ITG-3200	U6	ITG-3200		\$8.40 \$8.40				http://invensense.com/mems/gyro/tripleaxis.html	ITG-3200	InvenSense Inc	ITG-3200	QFN	Integrated ThreeAxisGyroscope	\$8.00 @ QTY 100 + \$39 S&H to the US
1 STM32F10XVXT6		STM32F103VET6		\$15.91 \$15.91				http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=497-6443-ND	497-6443-ND	STMicroelectronics	STM32F103VET6	100-LQFP	MCU ARM 512KB FLASH MEM	
	U\$2	CASE 1317		\$9.66 \$9.66			9.66	http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=MPXH6115A6U-ND	MPXH6115A6U-ND	Freescale Semiconductor	MPXH6115A6U	8-SSOP	SENSOR ABS PRESS 16.7PSI MAX	stuff for mpx option http://www.freescale.com/files/sensors/doc/data_sheet/MPXA6115A.pdf
1 BMP085	U\$3	BMP085		\$8.79 \$8.79			\$8.7	http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=828-1005-1-ND	828-1005-1-ND	Bosch Sensortec	BMP085	8-CLCC	DIGITAL BAROMETRIC PRESSURE SNSR	stuff for bmp085 option
1 BMA180	U3	BMA180		\$7.26 \$7.26	\$7.	26		http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=828-1019-1-ND	828-1019-1-ND	Bosch Sensortec	BMA080	12-VFLGA	ACCELEROMETER 3 AXIS SPI/I2C 3X3	
1 HMC5883LSMD	U9	HMC5883LSMD		\$3.79 \$3.79	\$3.	79		http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=342-1082-1-ND	342-1082-1-ND	Honeywell Microelectronics & Precision Sensors	HMC5883L-TR	16-LCC	IC COMPASS 3 AXIS I2C 16LCC SMD	
							_			Amphenol Commercial			08 PIN SMT 90° STANDOFF=0 NORMAL PUSH	
1 USD-SOCKETNEW	V U7	USD-SOCKETNEW		\$1.97 \$1.97	\$1.	97		http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=101-00660-68-6-1-ND	101-00660-68-6-1-ND	Products	101-00660-68-6		PUSH TYPE FRONT SOLDER TAIL	
1 USBOLD	X2	USBOLD		\$0.89 \$0.89				http://www.mouser.com/ProductDetail/Tyco-Electronics-AMP/1734035-1/?	571-1734035-1	Tyco Electronics	1734035-1		USB Mini-B SMD Connector	or http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=WM17116CT-ND
								qs=sGAEpiMZZMulM8LPOQ%252bykzAp4yt8lxVb5wkAPDivxn0%3d		2				
0 Pin Header	JP4, JP5	M16PTH		\$3.95 \$0.00				http://www.sparkfun.com/products/743	PRT-00743	4UCON Technology	05954	pitch 2.54 (0.100")	Break Away Female Headers Swiss Machine 30	need to be cut (16 pin)
1 TS922IN	IC2	SOP-8	Yes	\$1.88 \$1.88	S1.	88 \$1	1.88	http://search.digikey.com/scripts/DkSearch/dksus.dil?Detail&name=497-10255-1-ND	497-10255-1-ND	STMicroelectronics	TS922AIYDT	SOP-8	IC OP AMP R-R DUAL BICMOS 8-SOIC	
2 LM317	U4. U8	V REG 317SMD	Yes	\$1.04 \$2.08				http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=LM317MBSTT3GOSCT-	LM317MBSTT3GOSCT-	ON Semiconductor	LM317MBSTT3G	SOT-223	IC REG POS 500MA ADJ 4% SOT-223	
2 LINISTI	04, 06		res	\$1.04 \$2.06	\$2.	00		ND	ND	ON Semiconductor	LW31/MB3113G	301-223	IC REG POS 500MA ADJ 4% SO 1-223	
1 SW-MOM	S1	SW-MOMENT- 2SMD	Yes	\$0.96 \$0.96	\$0.	96		http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=CKN9104CT-ND	CKN9104CT-ND	C&K Components	PTS525SM10SMTR LF	S 5.25X5.25	SWITCH TACT SMT SPST 160GF	
+		ZSIVID	res		_	_	_			-		3-SMD. Non-		
1 8MHz	XT	RESONATORSMD	Yes	\$0.95 \$0.95	\$0.	95		http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=445-5238-1-ND	445-5238-1-ND	TDK Corporation	CCR8.0MXC8WT	Standard (3.20mm x	CER RESONATOR 8.0MHZ SMD	18pF 40ohm (STM32 datasheet page 58: 5-25pF 30ohm)
												1.25mm)		
2 BAT760-7	D1, D2 // or SDM100K30L-7	SOD-323	Yes	\$0.68 \$1.36	\$1.			http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=BAT760DICT-ND	BAT760DICT-ND	Diodes Inc	BAT760-7	SOD-323	DIODE SCHOTTKY 30V 1A SOD323	
4 BCV27	Q2, Q3, Q5, Q6	SOT23-3	Yes	\$0.41 \$1.64	\$1.			http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=BCV27CT-ND	BCV27CT-ND	Fairchild Semiconductor	ERJ-2RKF3401X	SOT23	TRANSISTOR NPN DARL 30V SOT23	
1 Blue	LED1	LED0603	Yes	\$0.33 \$0.33			_	http://search.digikey.com/scripts/DkSearch/dksus.dil?Detail&name=754-1434-1-ND	754-1434-1-ND	Kingbright Corp	APT1608QBC/D	0603 (1608 Metric)	LED 1.6X0.8 470NM BL WTR CLR SMD	Vf=3.3
1 Green	LED2	LED0603	Yes	\$0.13 \$0.13	\$0.		_	http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=754-1121-1-ND	754-1121-1-ND	Kingbright Corp	APT1608SGC	0603 (1608 Metric)	LED 1.6X0.8MM 568NM GRN CLR SMD	Vf=2.2
3 Red 1 22µH	LED3, LED4, LED5	LED0603 INDUCTOR0805	Yes Yes	\$0.13 \$0.39 \$0.08 \$0.08			_	http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=754-1117-1-ND http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=587-1633-2-ND	754-1117-1-ND 587-1633-2-ND	Kingbright Corp Taivo Yuden	APT1608EC CBL2012T220M	0603 (1608 Metric) 0805 (2012 Metric)	LED 1.6X0.8MM 625NM RED CLR SMD INDUCTOR 22UH 20% 0805 SMD	Vf=2.0 max 250mA in 0805 package
1 22µH	12	INDUCTOR0805	Yes	\$0.08 \$0.08			0.08	http://search.digikey.com/scripts/DkSearch/dksus.dii?Detail&name=587-1653-2-ND	587-1633-2-ND	Taiyo Yuden	CBL2012T220M	0805 (2012 Metric)	INDUCTOR 22UH 20% 0805 SMD	
2 10uF (35V)	C9. C23	CAP POL1206	Yes	\$0.57 \$1.14	\$1.	14	0.00	http://search.digikey.com/scripts/DkSearch/dksus.dil?Detail&name=587-2483-1-ND	587-2484-1-ND	Taiyo Yuden	GMK316BJ106KL-T	1206 (3216 Metric)	CAP CER 10UF 35V X5R 10% 1206	stuff for mpx option
3 10uF	C3, C11, C13	CAP POL1206	Yes	\$0.48 \$1.44	\$1.		_	http://search.digikey.com/scripts/DkSearch/dksus.dil?Detail&name=493-4147-1-ND	493-4147-1-ND	Nichicon	F931C106KAA	1206 (3216 Metric)	CAP TANTALUM 10UF 16V 10% SMD	
1 4.7uF	C1	CPOL-USSMCZ	Yes	\$0.48 \$0.48	\$0.			http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=511-1491-1-ND	511-1491-1-ND	Nichicon	F921A475MPA		CAP TANTALUM 4.7UF 10V 20% SMD	
4 1uF	C20, C24 (see note)	CPOL-USSMCZ	Yes	\$0.94 \$3.76	\$3.			http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=445-3720-1-ND	445-3720-1-ND	TDK Corporation	CERB3UX5R0G105M		CAP CER 1.0UF 4V X5R C-ESR 0603	stacking 2 on top of each other, 1.2milliOhm each, in parallel = 1.2/4 = 0.3milliOhm
2 1uF	C14. C16	CAP0402	Yes	\$0.24 \$0.48	SO.			http://search.digikev.com/scripts/DkSearch/dksus.dll?Detail&name=445-5000-1-ND	445-5000-1-ND	TDK Corporation	C1005X6S0J105K	0402 (1005 Metric)	CAP CER 1.0UF 6.3V X6S 0402	
5 1uF	C27, C29, C30, C31, C32	CAP0402	Yes	\$0.24 \$1.20	\$1.	20 \$1	1.20	http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=445-5000-1-ND	445-5000-1-ND	TDK Corporation	C1005X6S0J105K	0402 (1005 Metric)	CAP CER 1.0UF 6.3V X6S 0402	stuff for mpx option
2 0.1uF	C35, C36	CAP0402	Yes	\$0.09 \$0.18	\$0.	18	\$0.1	http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=445-4952-1-ND	445-4952-1-ND	TDK Corporation	C1005X7R1C104K	0402 (1005 Metric)	CAP CER .10UF 16V X7R 0402	stuff for bmp085 option
5 0.1uF	C4, C8, C12, C15, C22	CAP0402	Yes	\$0.09 \$0.45	\$0.			http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=445-4952-1-ND	445-4952-1-ND	TDK Corporation	C1005X7R1C104K	0402 (1005 Metric)	CAP CER .10UF 16V X7R 0402	
1 0.1uF	C26	CAP0402	Yes	\$0.09 \$0.09	\$0.	09 \$0	0.09	http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=445-4952-1-ND	445-4952-1-ND	TDK Corporation	C1005X7R1C104K	0402 (1005 Metric)	CAP CER .10UF 16V X7R 0402	stuff for mpx option
12 0.1uF	C2, C6, C10, C17, C19, C25, C33, C34, C37	CAP0402	Yes	\$0.09 \$1.08	\$1.	80		http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=445-4952-1-ND	445-4952-1-ND	TDK Corporation	C1005X7R1C104K	0402 (1005 Metric)	CAP CER .10UF 16V X7R 0402	
2 10nF	C5. C18	CAP0402	Yes	\$0.05 \$0.10	\$0.	10		http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=445-1260-1-ND	445-1260-1-ND	TDK Corporation	C1005X7R1E103K	0402 (1005 Metric)	CAP CER 10000PF 25V X7R 10% 0402	
1 2.2nF	C7	CAP0402	Yes	\$0.08 \$0.08	\$0.			http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=445-4928-1-ND	445-4928-1-ND	TDK Corporation	C1005X7R1E103K		CAP CER 10000F1 25V X7R 10 /0 0402	gyro datasheet: Ceramic, X7R, 2.2nF ±10%, 50V
		0711 0402	100	\$0.00 \$0.00	•			The production of the producti	110 1020 1110	TDIT GOIDGIGUOT	OTOGONITRILEEEN	0402 (1000 meme)	ON OLIVELOUS ESTATIONE	datasheet: low ESR 0.22uF <200 milli-ohm (Size the traces between the HMC5883L and the external
1 0.22uF	C21	CAP0402	Yes	\$0.24 \$0.24	SO:	24		http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=445-5938-1-ND	445-5938-1-ND	TDK Corporation	C1005X7R1A224K	0402 (1005 Metric)	CAP CER .22UF 10V X7R 10% 0402	capacitors (C1 and C2) to handle the 1 ampere peak current pulses with low voltage drop on the traces) The
1 U.22UF	GZI	CAP 0402	165	30.24 30.24	30.	2.4		http://search.digikey.com/scripts/bk3earch/dksds.dii / Detaildhame===43-3530-1-140	440-0000-1-140	TDK Corporation	C 1000X/1K1A224K	0402 (1000 Metric)	CAP CER .2201 10V X/R 10/8 0402	use of a tantalum 4.7uF part on the SparkFun HMC5843 breakout caused the device to reset with every
1 470pF	C28	CAP0402	14	\$0.08 \$0.08		08 \$0	0.00	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	445-4912-1-ND	TRU O II	C1005X7R1H471M	0.400 (4005.14 4 ) )	CAP CER 470PF 50V X7R 0402	set/reset pulse
	R40		Yes					http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=445-4912-1-ND		TDK Corporation			TRIMPOT 10K OHM 3MM SQ CER MT	stuff for mpx option
1 BOURNS Pot	R4, R5, R7, R14, R15, R16,	3223J	Yes	\$3.85 \$3.85	\$3.	85 \$3	3.85	http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=3223J-1-103ECT-ND	3223J-1-103ECT-ND	Bourns Inc.	3223J-1-103E	3223J	TRIMPOT 10K OHM 3MM SQ CER MT	
	R17, R18, R19, R20, R21, R22,							I						
19 1K	R23, R24, R25, R29, R30, R31,	RESISTOR0402	Yes	\$0.06 \$1.14	\$1.	14		http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=P1.00KLCT-ND	P1.00KLCT-ND	Panasonic - ECG	ERJ-2RKF1001X	0402 (1005 Metric)	RES 1.00K OHM 1/10W 1% 0402 SMD	
	R32								L					
2 1k5	R3, R58	RESISTOR0402	Yes	\$0.06 \$0.12			_	http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=P1.50KLCT-ND	P1.50KLCT-ND	Panasonic - ECG	ERJ-2RKF1501X	0402 (1005 Metric)	RES 1.50K OHM 1/10W 1% 0402 SMD	
4 1k69 4 4k7	R9, R10, R12, R13	RESISTOR0402	Yes	\$0.06 \$0.24 \$0.06 \$0.24	\$0.		_	http://search.digikey.com/scripts/DkSearch/dksus.dil?Detail&name=P1.69KLCT-ND	P1.69KLCT-ND	Panasonic - ECG	ERJ-2RKF1691X	0402 (1005 Metric)	RES 1.69K OHM 1/10W 1% 0402 SMD RES 4 70K OHM 1/10W 1% 0402 SMD	
4 4k7 1 5k6	R27, R28, R33, R34 R50	RESISTOR0402 RESISTOR0402	Yes	\$0.06 \$0.24	\$0.		0.06	http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=P4.70KLCT-ND	P4.70KLCT-ND P4.70KLCT-ND	Panasonic - ECG Panasonic - ECG	ERJ-2RKF4701X ERJ-2RKF4701X	0402 (1005 Metric) 0402 (1005 Metric)	RES 4.70K OHM 1/10W 1% 0402 SMD RES 4.70K OHM 1/10W 1% 0402 SMD	stuff for mpx option
			res	\$0.06 \$0.06		06 \$0		http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=P4.70KLCT-ND	P6.80KLCT-ND	Panasonic - ECG Panasonic - ECG	ERJ-2RKF4701X ERJ-2RKF6801X	0402 (1005 Metric) 0402 (1005 Metric)	RES 6.80K OHM 1/10W 1% 0402 SMD	stuff for mpx option
	P40		Voc					http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=P6.80KLCT-ND						adult of trips option
1 6k8	R49 R1 R2 R52 R59 R61 R62	RESISTOR0402	Yes							Panasonic - ECG	ERJ-2RKF1002X	0402 (1005 Metric)	RES 10.0K OHM 1/10W 1% 0402 SMD	
	R49 R1, R2, R52, R59, R61, R62, R63		Yes	\$0.06 \$0.06	\$0.			http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=P10.0KLCT-ND	P10.0KLCT-ND					
1 6k8 7 10k 6 10k	R1, R2, R52, R59, R61, R62, R63 R41, R42, R43, R44, R45, R51	RESISTOR0402 RESISTOR0402 RESISTOR0402			\$0. \$0.	42 36 \$0	0.36	http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=P10.0KLCT-ND	P10.0KLCT-ND	Panasonic - ECG	ERJ-2RKF1002X	0402 (1005 Metric)	RES 10.0K OHM 1/10W 1% 0402 SMD	stuff for mpx option
1 6k8 7 10k 6 10k 1 47k	R1, R2, R52, R59, R61, R62, R63 R41, R42, R43, R44, R45, R51 R47	RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402	Yes	\$0.06 \$0.42 \$0.06 \$0.36 \$0.06 \$0.06	\$0. \$0. \$0.	42 36 \$0 06 \$0	0.36	http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=P10.0KLCT-ND http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=P47.0KLCT-ND	P10.0KLCT-ND P47.0KLCT-ND	Panasonic - ECG Panasonic - ECG	ERJ-2RKF1002X ERJ-2RKF4702X	0402 (1005 Metric)	RES 47.0K OHM 1/10W 1% 0402 SMD	stuff for mpx option stuff for mpx option
1 6k8 7 10k 6 10k 1 47k 1 120k	R1, R2, R52, R59, R61, R62, R63 R41, R42, R43, R44, R45, R51 R47 R48	RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402	Yes Yes Yes Yes	\$0.06 \$0.42 \$0.06 \$0.36 \$0.06 \$0.06 \$0.06 \$0.06	\$0. \$0. \$0.	42 36 \$0 06 \$0 06 \$0	0.36 0.06 0.06	http://search.digikey.com/scripts/DkSearch/dksus.dil?Detail&name=P10.0KLCT-ND http://search.digikey.com/scripts/DkSearch/dksus.dil?Detail&name=P47.0KLCT-ND http://search.digikey.com/scripts/DkSearch/dksus.dil?Detail&name=P420KLCT-ND	P10.0KLCT-ND P47.0KLCT-ND P120KLCT-ND	Panasonic - ECG Panasonic - ECG Panasonic - ECG	ERJ-2RKF1002X ERJ-2RKF4702X ERJ-2RKF1203X	0402 (1005 Metric) 0402 (1005 Metric)	RES 47.0K OHM 1/10W 1% 0402 SMD RES 120K OHM 1/10W 1% 0402 SMD	stuff for mpx option stuff for mpx option
1 6k8 7 10k 6 10k 1 47k 1 120k 1 220k	R1, R2, R52, R59, R61, R62, R63 R41, R42, R43, R44, R45, R51 R47 R48 R46	RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402	Yes Yes Yes Yes Yes	\$0.06 \$0.42 \$0.06 \$0.36 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06	\$0. \$0. \$0. \$0.	42 36 \$0 06 \$0 06 \$0	0.36 0.06 0.06	http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=P10.0KLCT-ND http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=P47.0KLCT-ND http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=P120KLCT-ND http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=P220KLCT-ND	P10.0KLCT-ND P47.0KLCT-ND P120KLCT-ND P220KLCT-ND	Panasonic - ECG Panasonic - ECG Panasonic - ECG Panasonic - ECG	ERJ-2RKF1002X ERJ-2RKF4702X ERJ-2RKF1203X ERJ-2RKF2203X	0402 (1005 Metric) 0402 (1005 Metric) 0402 (1005 Metric)	RES 47.0K OHM 1/10W 1% 0402 SMD RES 120K OHM 1/10W 1% 0402 SMD RES 220K OHM 1/10W 1% 0402 SMD	stuff for mpx option
1 6k8 7 10k 6 10k 1 47k 1 120k 1 220k 2 22R	R1, R2, R52, R59, R61, R62, R63 R41, R42, R43, R44, R45, R51 R47 R48 R46 R26, R35	RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402	Yes Yes Yes Yes Yes Yes Yes Yes	\$0.06 \$0.42 \$0.06 \$0.36 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06	\$0. \$0. \$0. \$0. \$0.	42 36 \$0 06 \$0 06 \$0 06 \$0	0.36 0.06 0.06	http://search.digikey.com/scripts/DkSearch/dksus.dil?Detail&name=P10.0KLCT-ND http://search.digikey.com/scripts/DkSearch/dksus.dil?Detail&name=P47.0KLCT-ND http://search/dksiye.com/scripts/DkSearch/dksus.dil?Detail&name=P20KLCT-ND http://search.digikey.com/scripts/DkSearch/dksus.dil?Detail&name=P20KLCT-ND http://search/dksy.com/scripts/DkSearch/dksus.dil?Detail&name=P20KLCT-ND http://search/dksy.com/scripts/DkSearch/dksus.dil?Detail&name=P20KLCT-ND http://search/dksy.com/scripts/DkSearch/dksus.dil?Detail&name=P20KLCT-ND http://search/dksy.com/scripts/DkSearch/dksus.dil?Detail&name=P20KLCT-ND http://search/dksy.com/scripts/DkSearch/dksus.dil?Detail&name=P20KLCT-ND http://search/dksy.com/scripts/DkSearch/dksus.dil?Detail&name=P20KLCT-ND http://search/dksus.dil?Detail&name=P20KLCT-ND http://search/dksus.dil?Detail&n	P10.0KLCT-ND P47.0KLCT-ND P120KLCT-ND P220KLCT-ND P22.0LCT-ND	Panasonic - ECG	ERJ-2RKF1002X ERJ-2RKF4702X ERJ-2RKF1203X ERJ-2RKF2203X ERJ-2RKF22ROX	0402 (1005 Metric) 0402 (1005 Metric) 0402 (1005 Metric) 0402 (1005 Metric)	RES 47.0K OHM 1/10W 1% 0402 SMD RES 120K OHM 1/10W 1% 0402 SMD RES 220K OHM 1/10W 1% 0402 SMD RES 22.0 OHM 1/10W 1% 0402 SMD	stuff for mpx option stuff for mpx option stuff for mpx option
1 6k8 7 10k 6 10k 1 47k 1 120k 1 220k	R1, R2, R52, R59, R61, R62, R63 R41, R42, R43, R44, R45, R51 R47 R48 R46	RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402	Yes Yes Yes Yes Yes	\$0.06 \$0.42 \$0.06 \$0.36 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06	\$0. \$0. \$0. \$0.	42 36 \$0 06 \$0 06 \$0 06 \$0	0.36 0.06 0.06	http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=P10.0KLCT-ND http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=P47.0KLCT-ND http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=P120KLCT-ND http://search.digikey.com/scripts/DkSearch/dksus.dll?Detail&name=P220KLCT-ND	P10.0KLCT-ND P47.0KLCT-ND P120KLCT-ND P220KLCT-ND P22.0LCT-ND	Panasonic - ECG Panasonic - ECG Panasonic - ECG Panasonic - ECG	ERJ-2RKF1002X ERJ-2RKF4702X ERJ-2RKF1203X ERJ-2RKF2203X	0402 (1005 Metric) 0402 (1005 Metric) 0402 (1005 Metric)	RES 47.0K OHM 1/10W 1% 0402 SMD RES 120K OHM 1/10W 1% 0402 SMD RES 220K OHM 1/10W 1% 0402 SMD	stuff for mpx option stuff for mpx option
1 6k8 7 10k 6 10k 1 47k 1 120k 1 220k 2 22R 2 243R	R1, R2, R52, R59, R61, R62, R63 R41, R42, R43, R44, R45, R51 R47 R48 R46 R26, R35 R38, R39	RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0603	Yes	\$0.06 \$0.42 \$0.06 \$0.36 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06	\$0. \$0. \$0. \$0. \$0. \$0. \$0.	42 36 \$0 06 \$0 06 \$0 12	0.36 0.06 0.06	http://search.digikey.com/sorphib/DiSearch/dissus_di?Detail8name=P10.0KLCT-ND http://search.digikey.com/sorphib/DiSearch/dissus_di?Detail8name=P47.0KLCT-ND http://search.digikey.com/sorphib/DiSearch/dissus_di?Detail8name=P120KLCT-ND http://search.digikey.com/sorphib/DiSearch/dissus_di?Detail8name=P120KLCT-ND http://search.digikey.com/sorphib/DiSearch/dissus_di?Detail8name=P22CLCT-ND http://search.digikey.com/sorphib/DiSearch/dissus_di?Detail8name=P22CLCT-ND Notesch.digikey.com/sorphib/DiSearch/dissus_di?Detail8name=P012F03GT723RCT-ND	P10.0KLCT-ND P47.0KLCT-ND P120KLCT-ND P220KLCT-ND P22.0LCT-ND RMCF0603FT243RCT-NI	Panasonic - ECG	ERJ-2RKF1002X ERJ-2RKF4702X ERJ-2RKF1203X ERJ-2RKF2203X ERJ-2RKF22ROX RMCF0603FT243R	0402 (1005 Metric) 0402 (1005 Metric) 0402 (1005 Metric) 0402 (1005 Metric) 0402 (1005 Metric)	RES 47.0K OHM 1/10W 1% 0402 SMD RES 120K OHM 1/10W 1% 0402 SMD RES 220K OHM 1/10W 1% 0402 SMD RES 22.0 OHM 1/10W 1% 0402 SMD RES 243 OHM 1/10W 1% 0603 SMD	stuff for mpx option stuff for mpx option stuff for mpx option
1 6k8 7 10k 6 10k 1 47k 1 220k 1 220k 2 22R 2 243R 5 330R	R1, R2, R52, R59, R61, R62, R63, R41, R42, R43, R44, R45, R51 R47, R48, R48, R48, R48, R46, R35, R39, R6, R11, R55, R56, R57	RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0603 RESISTOR0402	Yes	\$0.06 \$0.42 \$0.06 \$0.36 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.12 \$0.06 \$0.30	\$0. \$0. \$0. \$0. \$0. \$0. \$0.	42 36 \$0 06 \$0 06 \$0 12 12	0.36 0.06 0.06	http://search.digikey.com/scriptib/DiSearch/dissus_dif*Detail&name=P10.0KLCT-ND http://search.digikey.com/scriptib/DiSearch/dissus_dif*Detail&name=P47.0KLCT-ND http://search.digikey.com/scriptib/DiSearch/dissus_dif*Detail&name=P120KLCT-ND http://search.digikey.com/scriptib/DiSearch/dissus_dif*Detail&name=P120KLCT-ND http://search.digikey.com/scriptib/DiSearch/dissus_dif*Detail&name=P20KLCT-ND http://search.digikey.com/scriptib/DiSearch/dissus_dif*Detail&name=P20KLCT-ND http://search.digikey.com/scriptib/DiSearch/dissus_dif*Detail&name=P430KDF-ND ND http://search.digikey.com/scriptib/DiSearch/dissus_dif*Detail&name=P330LDKR-ND ND http://search/dissus_dif*Detail&name=P330LDKR-ND ND http:	P10.0KLCT-ND P47.0KLCT-ND P120KLCT-ND P220KLCT-ND P22.0LCT-ND RMCF0603FT243RCT-NI P330LDKR-ND	Panasonic - ECG D Stackpole Electronics Inc Panasonic - ECG	ERJ-2RKF1002X ERJ-2RKF4702X ERJ-2RKF1203X ERJ-2RKF2203X ERJ-2RKF2203X ERJ-2RKF22ROX RMCF0603FT243R ERJ-2RKF3300X	0402 (1005 Metric) 0402 (1005 Metric) 0402 (1005 Metric) 0402 (1005 Metric) 0402 (1005 Metric) 0603 (1608 Metric) 0402 (1005 Metric)	RES 4.7 OK OHM 1/10W 1% 0402 SMD RES 120K OHM 1/10W 1% 0402 SMD RES 220K OHM 1/10W 1% 0402 SMD RES 22.0 OHM 1/10W 1% 0402 SMD RES 22.0 OHM 1/10W 1% 0402 SMD RES 243 OHM 1/10W 1% 0803 SMD RES 330 OHM 1/10W 1% 0402 SMD	stuff for mps coption stuff for mps coption stuff for mps coption 2430hm 1% 1/10W (see R36) 10ms led
1 6k8 7 10k 6 10k 1 47k 1 120k 1 120k 2 22R 2 243R 5 330R 1 732R	R1, R2, R52, R59, R61, R62, R63 R63, R41, R42, R43, R44, R45, R51 R47 R48 R46 R26, R35 R38, R39 R6, R11, R55, R56, R57 R36	RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0603 RESISTOR0603	Yes	\$0.06 \$0.42 \$0.06 \$0.36 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.12 \$0.06 \$0.30 \$0.06 \$0.30	\$0. \$0. \$0. \$0. \$0. \$0. \$0.	42 336 \$0 50 50 50 50 50 50 50 50 50 5	0.36 0.06 0.06	http://search.digikey.com/scriptibleSearch/dissus_dif*Detail&name=P10_0KLCT-ND http://search.digikey.com/scriptibleSearch/dissus_dif*Detail&name=P47_0KLCT-ND http://search.digikey.com/scriptibleSearch/dissus_dif*Detail&name=P10XKLCT-ND http://search.digikey.com/scriptibleSearch/dissus_dif*Detail&name=P10XKLCT-ND http://search.digikey.com/scriptibleSearch/dissus_dif*Detail&name=P20XLCT-ND http://search.digikey.com/scriptibleSearch/dissus_dif*Detail&name=P20XLCT-ND http://search.digikey.com/scriptibleSearch/dissus_dif*Detail&name=P3XLCT-ND http://search/dissus_com/scriptibleSearch/dissus_dif*Detail&name=P3XLCT-ND http://search/dissus_dif*Detail&name=P3XLCT-ND http://search/dissus_dif*Detail&name=P3XLCT-ND http://search/dissus_dif*Detail&name=P3XLCT-ND http://search/dissus_dif*Detail&name=P3XLCT-ND http://search/dissus_dif*Detail&name=P3XLCT-ND http://search/dissus_dif*Detail&name=P3XLCT-ND http://search/dissus_dif*Detail&name=P3XLCT-ND http://search/dissus_dif*Detail&name=P3XLCT-ND http://search/dissus_dif*Detail&name=P3XLCT-ND http://search/dissus_dif*Detail&name=PXLCT-ND http://search/dissus_dif*Detail&name=P	P10.0KLCT-ND P47.0KLCT-ND P120KLCT-ND P220KLCT-ND P220KLCT-ND P22.0LCT-ND RMCF0603FT243RCT-NI P330LDKR-ND RMCF0603FT732RCT-NI	Panasonic - ECG Stackpole Electronics Inc Panasonic - ECG	ERJ-2RKF1002X ERJ-2RKF4702X ERJ-2RKF1203X ERJ-2RKF2203X ERJ-2RKF2203X ERJ-2RKF22R0X RMCF0603FT243R ERJ-2RKF3300X RMCF0603FT732R	0402 (1005 Metric) 0402 (1005 Metric) 0402 (1005 Metric) 0402 (1005 Metric) 0402 (1005 Metric) 0603 (1608 Metric) 0402 (1005 Metric)	RES 47 OK OHM 1/10W 1% 0402 SMD RES 120K OHM 1/10W 1% 0402 SMD RES 220K OHM 1/10W 1% 0402 SMD RES 220 OHM 1/10W 1% 0402 SMD RES 243 OHM 1/10W 1% 0402 SMD RES 343 OHM 1/10W 1% 0403 SMD RES 340 OHM 1/10W 1% 0402 SMD RES TF 732 OHM 1/6 0.1W 0603	stuff for mps coption stuff for mps coption stuff for mps coption stuff for mps coption 243ohm 1% 1/10W (see R38) f/ms led 732ohm 1% 1.25 * (1 + 732/243) = 5.0154 Volt
1 6k8 7 10k 6 10k 1 47k 1 120k 1 220k 2 22R 2 43R 5 330R 1 732R	R1, R2, R59, R59, R61, R62, R63 R41, R42, R43, R44, R45, R51 R47 R46 R46 R26, R35 R39, R39 R6, R11, R55, R56, R57 R36 R37	RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0603 RESISTOR0603 RESISTOR0603	Yes	\$0.06 \$0.42 \$0.06 \$0.36 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.12 \$0.06 \$0.12 \$0.06 \$0.30 \$0.06 \$0.30	\$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0.	42 36 \$0 96 \$0 96 \$0 97 \$0 98 \$0	0.36 0.06 0.06	Intip/learch.digikey.com/scriptib/DkSearch/dissus_dif*Detail&name=PMO-F10.0KLCT-ND Intip/learch.digikey.com/scriptib/DkSearch/dissus_dif*Detail&name=P47.0KLCT-ND Intip/learch.digikey.com/scriptib/DkSearch/dissus_dif*Detail&name=P20KLCT-ND Intip/learch.digikey.com/scriptib/DkSearch/dissus_dif*Detail&name=P20KLCT-ND Intip/learch.digikey.com/scriptib/DkSearch/dissus_dif*Detail&name=P20KLCT-ND Intip/learch.digikey.com/scriptib/DkSearch/dissus_dif*Detail&name=PMC-PSDST-143RCT-ND Intip/learch.digikey.com/scriptib/DkSearch/dissus_dif*Detail&name=RMC-PSDST-1732RCT-ND Intip/learch.digikey.com/scriptib/DkSearch/dissus_dif*Detail&name=RMC-PSOSST-1732RCT-ND Intip/learch.dissus_dif*Detail&name=RMC-PSOSST-1732RCT-ND Intip/learch.dissus_dif*Detail&name=RMC-PSOSST-1732RCT-ND Intip/learch.dissus_dif*Detail&name=RMC-PSOSST-1732RCT-ND Intip/learch.dissus_dif*Detail&name=RMC-PSOSST-1732RCT-ND Intip/learch.dissus_dif*Detail&name=RMC-PSOSST-1732RCT-ND Intip/learch.dissus_dif*Detail&name=RMC-PSOSST-1732RCT-ND Intip/learch.dissus_dif*Detail&name=RMC-PSOSST-1732RCT-ND Intip/learch.dissus_dif*Detail&name=RMC-PSOSST-1732RCT-ND Intip/learch.dissus_dif*Detail&name=RMC-PSOSST-1	P10.0KLCT-ND P47.0KLCT-ND P47.0KLCT-ND P120KLCT-ND P220KLCT-ND P22.0LCT-ND RMCF0603FT243RCT-NI RMCF0603FT732RCT-NI DRMCF0603FT432RCT-NI	Panasonic - ECG Stackpole Electronics Inc Stackpole Electronics Inc Stackpole Electronics Inc	ERJ-2RKF1002X ERJ-2RKF4702X ERJ-2RKF1203X ERJ-2RKF2203X ERJ-2RKF22ROX RMCF0603FT243R ERJ-2RKF3300X RMCF0603FT732R RMCF0603FT402R	0402 (1005 Metric) 0402 (1005 Metric) 0402 (1005 Metric) 0402 (1005 Metric) 0603 (1608 Metric) 0402 (1005 Metric) 0603 (1608 Metric) 0603 (1608 Metric)	RES 47 OK OHM 1/10W 1% 0402 SMD RES 120C OHM 1/10W 1% 0402 SMD RES 220C OHM 1/10W 1% 0402 SMD RES 22 OHM 1/10W 1% 0402 SMD RES 32 OHM 1/10W 1% 0603 SMD RES 330 OHM 1/10W 1% 0603 SMD RES 3730 OHM 1/10W 1% 0402 SMD RES 373	stuff for mps coption stuff for mps coption stuff for mps coption 2430hm 1% 1/10W (see R36) 10ms led
1 6k8 7 10k 6 10k 1 47k 1 120k 1 220k 2 22R 2 243R 5 330R 1 732R 1 402R	R1 R2 R52, R59, R61, R62, R63 R41, R42, R43, R44, R45, R51 R47 R48 R46 R26, R35 R38, R39 R6, R11, R55, R56, R57 R36	RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0603 RESISTOR0402 RESISTOR0603 RESISTOR0603 RESISTOR0603 RESISTOR0603 RESISTOR0603	Yes	\$0.06 \$0.42 \$0.06 \$0.36 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.12 \$0.06 \$0.12 \$0.06 \$0.30 \$0.06 \$0.30 \$0.06 \$0.30 \$0.06 \$0.06	\$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0.	42 36 \$0 96 \$0 96 \$0 97 \$0 98 \$0	0.36 0.06 0.06 0.06	Intp://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=P10.0KLCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=P47.0KLCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=P120KLCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=P120KLCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=P220KLCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=P220KLCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=RMCF093FT43RCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=RMCF093FT24RCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=RMCF093FT24RCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=RMCF093FT42RCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=RMCF093FT42RCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=P4MCF093FT42RCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=P4MCF093FT42RCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=P4MCF093FT42RCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=P4MCF093FT42RCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=P4MCF093FT42RCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=P4MCF093FT42RCT-ND http://search/desus_diffDetail8name=P4MCF093FT42RCT-ND	P10.0KLCT-ND P47.0KLCT-ND P47.0KLCT-ND P120KLCT-ND P220KLCT-ND P22.0LCT-ND RMCF0603FT243RCT-NI P330LDKR-ND RMCF0603FT732RCT-NI ID RMCF0603FT402RCT-NI P470LDKR-ND	Panasonic - ECG Stackpole Electronics Inc Panasonic - ECG Stackpole Electronics Inc Stackpole Electronics Inc Panasonic - ECG	ERJ-2RKF1002X ERJ-2RKF4702X ERJ-2RKF1203X ERJ-2RKF2203X ERJ-2RKF2203X RMCF0603FT243R ERJ-2RKF3300X RMCF0603FT732R RMCF0603FT732R RMCF0603FT402R ERJ-2RKF4700X	0402 (1005 Metric) 0402 (1005 Metric) 0402 (1005 Metric) 0402 (1005 Metric) 0402 (1005 Metric) 0603 (1608 Metric) 0402 (1005 Metric) 0603 (1608 Metric) 0603 (1608 Metric)	RES 470 KO HM 11/0W 1% 0402 SMD RES 1200 KO HM 11/0W 1% 0402 SMD RES 1200 KO HM 11/0W 1% 0402 SMD RES 1200 KO HM 11/0W 1% 0402 SMD RES 120 C HM 11/0W 1% 0402 SMD RES 120 C HM 11/0W 1% 0402 SMD RES 130 C HM 11/0W 1% 0402 SMD RES 17 732 C HM 1% 0.1W 0603 RES 17 F32 C HM 1% 0.1W 0603 RES 17 620 C HM 1% 0.1W 0603 RES 17 620 C HM 1% 0.1W 0603 RES 17 632 C HM 1% 0.1W 0603	stuff for mps coption stuff for mps coption stuff for mps coption stuff for mps coption 243ohm 1% 1/10W (see R38) f/ms led 732ohm 1% 1.25 * (1 + 732/243) = 5.0154 Volt
1 6k8 7 10k 6 10k 1 47k 1 120k 1 220k 2 22R 2 243R 3 330R 1 732R 1 402R 1 407R	R1 R2, R59, R59, R61, R62, R63 R63 R41, R42, R43, R44, R45, R51 R47 R46 R46 R26, R35 R38, R39 R6, R11, R55, R56, R57 R36 R53 R59 R6, R11, R55, R56, R57	RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0603 RESISTOR0603 RESISTOR0603 RESISTOR0603 RESISTOR0603 RESISTOR0603	Yes	\$0.06 \$0.42 \$0.06 \$0.36 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.02 \$0.06 \$0.12 \$0.06 \$0.30 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.05 \$0.05	\$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0.	42 336 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6	0.36 0.06 0.06	Intip/Isearch digitery comiscriptionDesarch/dissus diPDetail&name=P10 GKLCT-ND Intip/Isearch digitery comiscriptionDesarch/dissus diPDetail&name=P47 GKLCT-ND Intip/Isearch digitery comiscriptionDesarch/dissus diPDetail&name=P120KLCT-ND Intip/Isearch digitery comiscriptionDesarch/dissus diPDetail&name=P220KLCT-ND Intip/Isearch digitery comiscriptionDesarch/dissus diPDetail&name=P220KLCT-ND Intip/Isearch digitery comiscriptionDesarch/dissus diPDetail&name=P220 LCT-ND Intip/Isearch digitery comiscriptionDesarch/dissus diPDetail&name=P230LDKR-ND Intip/Isearch digitery comiscriptionDesarch/dissus diPDetail&name=P330LDKR-ND Intip/Isearch digitery comiscriptionDesarch/dissus diPDetail&name=P330LDKR-ND Intip/Isearch digitery comiscriptionDesarch/dissus diPDetail&name=P470LDKR-ND Intip/Isearch digitery comiscriptionDesarch/dissus diPDetail&name=P470LDKR-ND Intip/Isearch/digitery comiscriptionDesarch/dissus diPDetail&name=P470LDKR-ND Intip/Isearch/dissus/diPDetail&name=P470LDKR-ND Intip/Isearch/dissus/diPDetail&name=P470LDKR-ND Intip/Isearch/dissus/diPDetail&name=P470LDKR-ND Intip/Isearch/dissus/diPDetail&name=P470LDKR-ND Intip/Isearch/dissus/diPDetail&name=P470LDKR-ND Intip/Isearch/dissus/diPDetail&name=P470LDKR-ND Intip/Isearch/dissus/diPDetail&name=P470	P10.0KLCT-ND P47.0KLCT-ND P47.0KLCT-ND P120KLCT-ND P220KLCT-ND P22.0LCT-ND RMCF0603FT243RCT-NI P330LDKR-ND RMCF0603FT32RCT-NI ID RMCF0603FT402RCT-NI P470LDKR-ND P1.5MLCT-ND	Panasonic - ECG Stackpole Electronics Inc Panasonic - ECG Stackpole Electronics Inc Stackpole Electronics Inc Panasonic - ECG Panasonic - ECG Panasonic - ECG Panasonic - ECG	ERJ-2RKF1002X ERJ-2RKF4702X ERJ-2RKF1203X ERJ-2RKF2203X ERJ-2RKF22ROX RMCF0603FT243R ERJ-2RKF3300X RMCF0603FT32R RMCF0603FT402R ERJ-2RKF4700X	0402 (1005 Metric) 0603 (1608 Metric) 0603 (1608 Metric) 0603 (1608 Metric) 0603 (1608 Metric) 0402 (1005 Metric) 0402 (1005 Metric)	RES 470 CHM 1170W 1% 0402 SMD RES 1200 CHM 1170W 1% 0402 SMD RES 2200 CHM 1170W 1% 0402 SMD RES 220 CHM 1170W 1% 0402 SMD RES 220 CHM 1170W 1% 0402 SMD RES 240 CHM 1170W 1% 0403 SMD RES 1752 CHM 1% 0.1W 0603 RES 1752 CHM 1% 0.1W 0603 RES 1753 CHM 1% 0.1W 0603 RES 1753 CHM 1% 0.1W 0603 RES 470 CHM 170W 1% 0402 SMD RES 15M OCH 1170W 1% 0402 SMD	stuff for mps coption stuff for mps coption stuff for mps coption stuff for mps coption 243ohm 1% 1/10W (see R38) f/ms led 732ohm 1% 1.25 * (1 + 732/243) = 5.0154 Volt
1 6k8 7 10k 6 10k 1 47k 1 120k 1 220k 2 22R 2 243R 5 330R 1 732R 1 402R	R1 R2 R52, R59, R61, R62, R63 R41, R42, R43, R44, R45, R51 R47 R48 R46 R26, R35 R38, R39 R6, R11, R55, R56, R57 R36	RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0402 RESISTOR0603 RESISTOR0402 RESISTOR0603 RESISTOR0603 RESISTOR0603 RESISTOR0603 RESISTOR0603	Yes	\$0.06 \$0.42 \$0.06 \$0.36 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.06 \$0.12 \$0.06 \$0.12 \$0.06 \$0.30 \$0.06 \$0.30 \$0.06 \$0.30 \$0.06 \$0.06	\$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0.	42 336 \$006 \$006 \$006 \$0012 112 112 330 006 004 006 005 \$005	0.36 0.06 0.06 0.06	Intp://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=P10.0KLCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=P47.0KLCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=P120KLCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=P120KLCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=P220KLCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=P220KLCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=RMCF093FT43RCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=RMCF093FT24RCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=RMCF093FT24RCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=RMCF093FT42RCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=RMCF093FT42RCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=P4MCF093FT42RCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=P4MCF093FT42RCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=P4MCF093FT42RCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=P4MCF093FT42RCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=P4MCF093FT42RCT-ND http://search.dipley.com/sorpbibDSearch/desus_diffDetail8name=P4MCF093FT42RCT-ND http://search/desus_diffDetail8name=P4MCF093FT42RCT-ND	P10.0KLCT-ND P47.0KLCT-ND P47.0KLCT-ND P120KLCT-ND P220KLCT-ND P22.0LCT-ND RMCF0603FT243RCT-NI P330LDKR-ND RMCF0603FT732RCT-NI ID RMCF0603FT402RCT-NI P470LDKR-ND	Panasonic - ECG Stackpole Electronics Inc Panasonic - ECG Stackpole Electronics Inc Stackpole Electronics Inc Panasonic - ECG	ERJ-2RKF1002X ERJ-2RKF4702X ERJ-2RKF1203X ERJ-2RKF2203X ERJ-2RKF2203X RMCF0603FT243R ERJ-2RKF3300X RMCF0603FT732R RMCF0603FT732R RMCF0603FT402R ERJ-2RKF4700X	0402 (1005 Metric) 0402 (1005 Metric) 0402 (1005 Metric) 0402 (1005 Metric) 0603 (1608 Metric) 0402 (1005 Metric) 0603 (1608 Metric) 0402 (1005 Metric) 0402 (1005 Metric) 0402 (1005 Metric) 0402 (1005 Metric)	RES 470 KO HM 11/0W 1% 0402 SMD RES 1200 KO HM 11/0W 1% 0402 SMD RES 1200 KO HM 11/0W 1% 0402 SMD RES 1200 KO HM 11/0W 1% 0402 SMD RES 120 C HM 11/0W 1% 0402 SMD RES 120 C HM 11/0W 1% 0402 SMD RES 130 C HM 11/0W 1% 0402 SMD RES 17 732 C HM 1% 0.1W 0603 RES 17 F32 C HM 1% 0.1W 0603 RES 17 620 C HM 1% 0.1W 0603 RES 17 620 C HM 1% 0.1W 0603 RES 17 632 C HM 1% 0.1W 0603	stuff for mpx option stuff for mpx option stuff for mpx option stuff for mpx option 243-ohm 1% 107 (see R36) 10ma led 732-ohm 1% 1.25 * (1 + 732/243) = 5.0154 Volt