

Component Inventory and Bills of Materials								
200047 KIT MPGL1 ATMEL								
Engenuics Part Number	Description	Manufacturer	Manufacturer Part #	Unit Price	Designators	Kit Compartment	Quantity	Total Price
100231	ASSEMBLY PARTIAL SMT RAZOR DEVELOPMENT BOARD MPGL1 ATMEL	Guardian Telecom	MPGL1 PARTIAL SMT	\$52.08	Sub-Assembly	N/A	1	\$52.08
100243	BAG ESD 5" x 7"	3M		\$0.16	BAG	N/A	1	\$0.16
100001	BOX PCB	Instabox	7x4.5x1.5 Mailer 32 ECT WHITE 3774 Video Mailer	\$1.80	BOX	N/A	1	\$1.80
100180	BUZZER PIEZO 4KHZ SMT	Ningbo East	SFM-1240-05	\$0.76	BZ1, BZ2	5A	2	\$1.52
100242	CABLE USB A TO MICRO A/B			\$3.95	USB		1	\$3.95
100130	CAP CER 0.1uF 10% X5R 25V 0603 SMT	TDK	C1608X7R1E104K	\$0.02	C8, C10, C13, C14, C17, C22, C23	1A	7	\$0.14
100006	CAP CER 10uF 10V X5R 0805	Taiyo Yuden	LMK212BJ106KG-T	\$0.06	C7, C11, C16	1B	3	\$0.18
100015	CASE COMPONENT CARRIER	Suntem		\$1.99	CASE	N/A	1	\$1.99
100019	CONN DB9 RCPT R/A 9POS GOLD/FL	Tyco	1734348-1	\$0.58	J5	N/A	1	\$0.58
100102	CONN SD/MMC 9PIN PCB GOLD FLASH	Amphenol	101-00708-64	\$1.42	J6	N/A	1	\$1.42
100031	CONN TERMINAL 12POS 0.100" R/A	Sullins	PPTC121LGBN-RC	\$0.79	J3	N/A	1	\$0.79
100226	CRYSTAL 12.000000 MHZ SMD 18PF HC49	Suntsu	SCD18B-12.000MHZ TR	\$0.18	X1	4A	1	\$0.18
100221	FIRMWARE LICENSE JLINK OB	Segger	J-Link OB	\$5.36	LICENCE	N/A	1	\$5.36
100196	LABEL ADHEISIVE ESD 2" x 2"			\$0.03	LABEL	N/A	1	\$0.03
100096	LCD 20X2 CHARACTER RGB BACKLIGHT	Newhaven Displays	NHD-C0220BIZ-FS(RGB)-FBW-3V	\$9.10	U6	N/A	1	\$9.10
100110	LED PLCC2 GREEN ROUND CLEAR SMD	Kingbright	AA3528CGSK	\$0.14	D13	3A	1	\$0.14
100112	LED PLCC2 ORANGE ROUND CLEAR SMD	Kingbright	AA3528SESK	\$0.14	D15	3D	1	\$0.14
100113	LED PLCC2 RED ROUND CLEAR SMD	Kingbright	AA3528SURSK	\$0.14	D16	3C	1	\$0.14
100111	LED PLCC2 YELLOW ROUND CLEAR SMD	Kingbright	AA3528SYSK	\$0.14	D14	3B	1	\$0.14
100078	RES 100K OHM 1/10W 1% 0603 SMD	Yageo Stackpole Rohm	RC0603FR-07100KL RMCFO603FT100K MCR03EZPJ104	\$0.02	R33, R34, R35, R36, R42, R43	2A	6	\$0.12
100081	RES 150 OHM 1/10W 1% 0603 SMD	Rohm	MCR03EZPJ151	\$0.02	R26, R27, R28, R29, R30, R31, R32, R37, R38	2B	9	\$0.18
100227	STANDOFF 1206 MECHANICAL COMPONENT	N/A	N/A	\$0.03	C44, C45	1C	2	\$0.06
100186	SWITCH SLIDE DPDT 6VDC 0.3A SMT	C&K	JS202011SCQN	\$0.41	S3	6B	1	\$0.41
100093	SWITCH TACT 260GF H=5.0MM SMT	TE Connectivity E-Switch	FSM4JSMATR TL3301AF260QG	\$0.20	S4, S5, S6, S7	6A	4	\$0.80
100095	TRANS NPN W/RES 50V SOT-23	ON Semi	MMUN2233LT1G	\$0.03	Q6, Q7, Q8	2C	3	\$0.09
					Sub-Total			\$81.50
					Assembly / Manufacturing Cost			\$1.95
					Sub-Total			\$83.45