

**4G\_Lite-PassFx MB Bill Of Materials**

Item	Qty	Reference	Description	Mfg Part#	Manufacturer	Mounting Status	Alternated Part
1	1	BH1	BATTERY LITH 12.5MM COIN W/LEGS	BR-1225/HCN	Panasonic		
2	78	C1,C2,C3,C4,C5,C7,C8,C11,C12,C13,C14,C18,C19,C22,C23,C24,C25,C26,C27,C28,C29,C30,C31,C32,C33,C34,C35,C36,C37,C38,C39,C41,C42,C43,C44,C45,C46,C47,C48,C49,C51,C52,C53,C59,C61,C66,C67,C70,C75,C78,C85,C89,C90,C91,C92,C93,C94,C95,C96,C97,C98,C100,C101,C102,C103,C104,C106,C107,C109,C110,C111,C112,C113,C128,C130,C133,C135,C136	CAP CERAMIC .1UF 10V X5R 0402	CC0402KRX5R6BB104	Yageo		
3	0	C105,C108		ECJ-0EC1H220J	Panasonic - ECG	NU	
4	2	C115,C116	CAP 33PF 50V CERAMIC 0402 SMD	ECJ-0EC1H330J	Panasonic - ECG		
5	2	C118,C125	CAP CER 1000PF 50V C0G 0402	GRM1555C1H102JA01D	Murata		
6	1	C123	CAP CER 100PF 50V 5% C0G 0402	GRM1555C1H101JZ01D	Murata		
7	0	C124,C126		C1005X5R1A105M	TDK Corporation	NU	
8	1	C21	CAP CER 22UF 10V X5R 0805	LMK212BJ226MG-T	Taiyo Yuden		
9	0	C54,C56,C121	CAP CER 10UF 10V X5R 20% 0603	LMK107BJ106MALTD	Taiyo Yuden	NU	CC0603MRX5R6BB106
10	0	C58,C62,C63,C68,C71,C72,C76	CAP CER 1.0UF 10V X5R 0402	CC0402KRX5R6BB104	Yageo	NU	
11	23	C6,C9,C10,C15,C16,C17,C20,C40,C50,C55,C57,C60,C64,C80,C81,C82,C88,C114,C119,C122,C127,C132,C134	CAP CER 10nF 100V X7R 10%0603	LMK107BJ106MALTD	Taiyo Yuden		CC0603MRX5R6BB106
12	0	C65,C117	CAP CER 2.2UF 16V X5R 0603	LMK212BJ226MG-T	Taiyo Yuden	NU	
13	0	C69,C73,C77	CAP CER .22UF 16V Y5V 0402	C1005X5R1A105M	TDK Corporation	NU	
14	3	C74,C79,C84	PCB, Motherboard, 4G Lite	C1608X7R2A103K	TDK Corp		
15	3	C83,C120,C131	FERRITE CHIP 100 OHM 1A 0603	C1005X5R1A105M	TDK Corporation		
16	3	C86,C87,C129		C1608X5R1C225K	TDK Corporation		GRM188R61C225KE15D
17	1	C99		C1005Y5V1C224Z	TDK Corporation		
18	1	DM1	FILTER CHIP 330 OHM 1.5A 0603	PCB, Mainboard, MotherboardI, 4G Lite	KWT		
19	3	FB1,FB2,FB14	FERRITE CHIP 600 OHM 300MA 0402	MPZ1608D101B	TDK		
20	1	FB12	FERRITE CHIP 120 OHM 2000MA 0603	BLM18PG121SN1D	Murata		
21	1	FB13	CONN FPC/ZIF 20POS .5MM VERT SMD	BLM18KG260TN1D	Murata		
22	0	FB20	1.0mm SHD 180 smt	BLM18KG260TN1D	Murata	NU	
23	0	FB3,FB9,FB11	LOCKING SOCKET AND TERMINAL STRIP	BLM18SG331TN1D	Murata	NU	
24	9	FB4,FB5,FB6,FB7,FB15,FB16,FB17,FB18,FB19	Connector 1x02 1.25mm	BLM15AG601SN1D	Murata		
25	0	FB8,FB10	CONN HEADER 4POS 1.25MM VERT SMD	BLM18PG121SN1D	Murata	NU	

26	0	J1	CONN HEADER 5POS 1.25mm SMD TIN	2-1734742-0	Tyco Electronics		
27	1	J2	INDUCTOR POWER 2.2UH 1.3A SMD	SHD-VT-20-LF	Morethanall		
28	1	J3	LED BLUE HIGH BRIGHT USS 0603	LSS-120-02-L-DV-A	Samtec		
29	0	J4	TRANS GP SS NPN 40V SOT23	DF13-VP-1X02-LF	Morethanall	NU	
30	1	J5	RES 22 OHM 1/10W 5% 0402 SMD	53398-0471	Molex		
31	1	J6	RES 2K OHM 1/10W 1% 0402 SMD	53398-0571	Molex		
32	3	L1,L2,L3	RES 5.60K OHM 1/10W 1% 0402 SMD	VLS3010T-2R2M1R3	TDK Corp		
33	1	LED1	RES 5.1 OHM 1/10W 5% 0402 SMD	LNJ926W8CRA	Panasonic - SSG		
34	4	Q1,Q2,Q3,Q4	RES 10 OHM 1/10W 5% 0402 SMD	MMBT3904LT1G	ON Semiconductors		
35	31	R1,R2,R8,R9,R10,R11,R12,R13,R14,R15,R18,R41,R46,R53,R55,R57,R60,R64,R65,R66,R67,R85,R91,R92,R93,R95,R96,R99,R102,R122,R123	RES 200K OHM 1/10W 1% 0402 SMD	ERJ-2GEJ220X	Panasonic - ECG		
36	0	R104	RES 300K OHM 1/10W 1% 0402 SMD	ERJ-2RKF1002X	Panasonic - ECG	NU	
37	1	R107	RES 1.00K OHM 1/10W 1% 0402 SMD	ERJ-2RKF2001X	Panasonic - ECG		RC0402FR-072KL
38	1	R108	RES 10.0K OHM 1/10W 1% 0402 SMD	ERJ-2RKF5601X	Panasonic - ECG		
39	2	R109,R114		ERJ-2GEJ5R1X	Panasonic - ECG		RC0402JR-075R1L
40	1	R111	RES 49.9 OHM 1/10W 1% 0402 SMD	ERJ-2GEJ100X	Panasonic - ECG		
41	1	R118	RES 1.00K OHM 1/10W 1% 0402 SMD	ERJ-2RKF2003X	Panasonic - ECG		
42	1	R119	RES ZERO OHM 1/10W 5% 0402 SMD	ERJ-2RKF3003X	Panasonic - ECG		
43	1	R129		ERJ-2RKF1001X	Panasonic - ECG		
44	1	R130		ERJ-2RKF1002X	Panasonic - ECG		
45	0	R132	RES 4.7K OHM 1/10W 5% 0402 SMD	ERJ-2GEJ220X	Panasonic - ECG	NU	
46	5	R17,R58,R59,R61,R63		ERJ-2RKF49R9X	Panasonic - ECG		
47	8	R20,R21,R42,R105,R110,R115,R125,R126	RES 10.0K OHM 1/10W 1% 0402 SMD	ERJ-2RKF1001X	Panasonic - ECG		
48	8	R3,R16,R19,R25,R34,R97,R131,R133		ERJ-2GE0R00X	Panasonic - ECG		
49	0	R33		ERJ-2GE0R00X	Panasonic - ECG	NU	
50	0	R37	RES 1.24K OHM 1/10W 1% 0402 SMD	ERJ-2RKF1002X	Panasonic - ECG	NU	
51	14	R38,R44,R45,R47,R69,R71,R73,R74,R75,R98,R112,R113,R116,R117	RES 2.2K OHM 1/10W 5% 0402 SMD	ERJ-2GEJ472X	Panasonic - ECG		
52	0	R39,R40	RESISTOR 1.0 OHM 1/10W 5% 0603	ERJ-2GEJ222X	Panasonic - ECG	NU	
53	22	R4,R5,R6,R7,R22,R23,R24,R26,R27,R28,R29,R30,R31,R32,R35,R36,R43,R54,R90,R103,R120,R121	RES 100K OHM 1/10W 5% 0402 SMD	ERJ-2RKF1002X	Panasonic - ECG		

54	0	R48,R49	RES 61.9K OHM 1/10W 1% 0402 SMD	ERJ-2RKF1001X	Panasonic - ECG	NU	
55	0	R50	RES 160K OHM 1/10W 1% 0402 SMD	ERJ-2GEJ472X	Panasonic - ECG	NU	
56	0	R51	RES 330 OHM 1/10W 5% 0402 SMD	ERJ-2GE0R00X	Panasonic - ECG	NU	
57	1	R52	RES ARRAY 22 OHM 5% 4 RES SMD	ERJ-2RKF1241X	Panasonic - ECG		
58	0	R56		ERJ-2GEJ220X	Panasonic - ECG	NU	
59	4	R62,R100,R101,R106	Real Time Clock Serial 56Byte 8-Pin uSOP	ERJ-2GEJ222X	Panasonic - ECG		
60	1	R68		ERJ-3GEYJ1R0V	Panasonic - ECG		
61	2	R70,R72	IC VOLT SUPERVISOR 3.3V SOT23-6	ERJ-2GEJ104X	Panasonic - ECG		
62	1	R76	1Gb x16 DDR2 SDRAM 84FBGA	ERJ-2RKF6192X	Panasonic - ECG		
63	1	R77	Nand Flash, 8-bit 256MB, 48-TSSOP	ERJ-2RKF1603X	Panasonic - ECG		
64	15	R78,R79,R80,R81,R82,R83,R84,R86,R87,R88,R89,R94,R124,R127,R128	IC, Processor ARM,DSP,356MHz	ERJ-2GEJ331X	Panasonic - ECG		
65	7	RN1,RN2,RN3,RN4,RN5,RN6,RN7	Ethernet TXRX Single Chip 1-Port 2.5V/3.3V 10Mbps/100Mbps	EXB-28V220JX	Panasonic - ECG		YC124-JR-0722RL
66	1	SW1	IC MONO/STER AUD CODEC LP 40QFN	CHS-01TA	Copal Electronics Inc		
67	1	U1	IC PWR MGMT LI-ION SYSTEMS 32QFN	DS1338U-33+	Maxim		
68	1	U10	IC BUFF/DVR DL NON-INV SC706	TS3A44159RGTR	TI		
69	1	U2	OSC 24.0000 MHZ 3.3V SMD	TPS3808G33DBVT	Texas Instruments		
70	1	U3	CRYSTAL 32.768KHZ 12.5PF SMD	MT47H64M16HR-3IT	Micron		MT47H64M16HR-3IT:HTR
71	1	U4	CRYSTAL 25.0000 MHZ 18PF SMD	MT29F2G08ABAEAWP-IT:E	Micron		MT29F2G08ABAEAWP-IT:ETR
72	1	U5		OMAPL138BZWTA3	Texas Instrument		
73	1	U6		BCM5241A1IMLG	Broadcom		
74	0	U7		TLV320AIC3107IRSBR	Texas Instruments	NU	
75	1	U8		TPS650250RHBR	Texas Instruments		
76	1	U9		SN74LVC2G07DCKR	Texas Instruments		
77	2	Y1,Y2		ASDM1-24.000MHZ-LC-T	Abrakon Corporation		
78	1	Y3		ABS10-32.768KHZ-T	Abrakon Corporation		
79	1	Y4		ABM7-25.000MHZ-D-2-Y-T	Abrakon Corporation		

**4G\_Lite Pass/Prox IO Board Bill Of Materials**

Item	Qty	Reference	Description	Mfg Part#	Manufacturer	Mounting status	Alternated Part
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1	1	BZ1	BUZZER PIEZO 4.1KHZ 14MM PC MT	PK-12N40PQ	Mallory Sonalert Products Inc		
2	3	C1,C2,C3	CAP CERM 1nF 2000V X7R 1206	1206GC102KAT1A	AVX Corporation		
3	2	C12,C14	CAP CER 4.7UF 10V Y5V 0603	GRM188F51A475ZE20D	Murata		
4	2	C16,C31	CAP CER 10nF 100V X7R 10%0603	C1608X7R2A103K	TDK Corporation		
5	2	C17,C24	CAP CER 100nF 100V X7R 10% 0805	C2012X7R2A104K	TDK Corporation		
6	2	C18,C22	CAP CER 10UF 35V X5R 1206	GRM31CR6YA106KA12L	Murata Electronics		
7	0	C19	CAP CER 10UF 35V X5R 1206	GRM31CR6YA106KA12L	Murata Electronics	NU	
8	2	C20,C25	CAP CER 22000PF 100V X7R 10%0603	C1608X7R2A223K	TDK Corporation		
9	0	C21	CAP CER 10nF 100V X7R 10%0603	C1608X7R2A103K	TDK Corporation	NU	
10	0	C23	CAP CER 100nF 100V X7R 10% 0805	C2012X7R2A104K	TDK Corporation	NU	
11	1	C26	CAP CERM 100nF 5% 25V X7R 0603	06033C104JAT2A	AVX Corporation		
12	1	C27	CAP CERM 15nF 5% 50V X7R 0603	06035C153JAT2A	AVX Corporation		GRM188R71H153JA01D
13	1	C28	CAP 150PF 50V CERAMIC X7R 0402	ECJ-0EB1H151K	Panasonic - ECG		GRM1555C1H151JA01D
14	0	C29	CAP CER 1nF 100V X7R 10% 0603	C1608X7R2A102K	TDK Corporation	NU	
15	1	C32	CAP 27PF 50V CERAMIC 0402 SMD	ECJ-0EC1H270J	Panasonic - ECG		GRM1555C1H270JZ01D
16	4	C34,C35,C36,C37	CAP CER 1nF 100V X7R 10% 0603	C1608X7R2A102K	TDK Corporation		
17	11	C4,C5,C6,C7,C9,C10,C11,C13,C15,C30,C33	CAP CERAMIC 100nF 10V X5R 0402	CC0402KRX5R6BB104	Yageo		
18	1	C8	CAP CER 1.0UF 10V X5R 0402	C1005X5R1A105M	TDK Corporation		
19	0	CE1	CAP 470UF 25V ELECT MZA SMD	EMZA250ADA471MJA0G	United Chemi-Con		
20	1	CE2	CAP 150UF 10V ELECT FP SMD	EEE-FP1A151AP	Panasonic - ECG		
21	2	D1,D2	DIODE SWITCH 75V 200MW SC70-3	BAS16W-7-F	Diodes Inc		
22	1	D3	DIODE SCHOTTKY 3A 80V SMB	SK38B-TP	Micro Commercial Co		
23	1	D4	DIODE ZENER 28V 500MW SOD-123	MMSZ5255B-7-F	Littelfuse Inc		
24	2	D5,D6	DIODE SCHOTTKY 40V 3A SMB	B340B-13-F	Diodes Inc		
25	1	ESD1	VARISTOR TVS 30VDC 280A 1210	VC121030H620DP	AVX Corporation		
26	0	ESD2,ESD3	DIODE TVS 58V 600W BIDIR 5% SMB	SMBJ58CA	Littelfuse		
27	1	F1	POLYSWITCH RXE SERIES 1.10A	RXEF110	Tyco Electronics/Raychem Circuit Protection		RXEF110-2

28	14	FB1,FB2,FB4,FB5,FB6,FB7,FB8,FB9,FB10,FB11,FB12,FB13,FB14,FB15	FERRITE CHIP 600 OHM 300MA 0402	BLM15AG601SN1D	Murata Electronics		
29	1	FB16	FERRITE BEAD 600 OHM 1210	FBMH3225HM601NT	Taiyo Yuden		
30	2	FB23,FB24	FERRITE BEAD 1000 OHM 1210	FBMH3225HM102NT	Taiyo Yuden		
31	7	FB3,FB17,FB18,FB19,FB20,FB21,FB22	FILTER CHIP 330 OHM 1.5A 0603	BLM18SG331TN1D	Murata Electronics		
32	1	FB42	Choke w/6 hole ferrite core,3A 702ohm	74275046	Würth Elektronik		
33	1	J1	CONN HEADER 3POS 1.25MM R/A TIN	DF13A-3P-1.25H(20)	Hirose		
34	1	J2	CONN 40POS 25mils DUAL SMD	LSS-120-03-L-DV-A	Samtec		
35	1	J3	CONN HEADER 26POS 2MM RT ANG TIN	DF11-26DP-2DS(24)	Hirose		
36	1	J4	CONN RCPT MCR USB AB SMD TH SHLL	ZX62D-AB-5P8	Hirose Electric Co Ltd		
37	1	L1	CHOKE COMMON MODE 90 OHM 330mA 0805	DLW21HN900SQ2L	Murata		
38	1	L2	CHOKE COMMON MODE 1K OHM 1.5A 2020	DLW5BSN102SQ2L	Murrata		
39	2	L3,L4	POWER INDUCTOR 82UH 1.4A SMD	CDRH125NP-820MC	Sumida		
40	1	L5	IND, 6.8UH 32mohm, 3.7A, SMD	NR8040T6R8N	Taiyo Yuden		
41	1	PCB	PCB, IO board, 4G Lite (red PCB)	811-00155-02R	KWT		
42	5	Q1,Q2,Q3,Q5,Q9	MOSFET N-CH 55V 335MA SOT-23	BSH111,215	NXP Semiconductor		
43	1	Q4	MOSFET P-CH 12V 4.3A SOT-23	IRLML6401TRPBF	International Rectifier		
44	1	Q6	TRANSISTOR PNP SW 40V SOT323	MMST4403-TP	Micro Commercial Co		
45	1	Q7	MOSFET P-CH 60V 9.4A DPAK	FQD11P06TM	Fairchild		
46	0	Q8	MOSFET P-CH 40V 2.3A SOT23-3	SI2319DS-T1-E3	Vishay/Siliconix		
47	18	R1,R3,R4,R9,R10,R18,R19,R33,R34,R36,R37,R40,R41,R42,R43,R45,R56,R57	RES 33 OHM 1/10W 5% 0402 SMD	ERJ-2GEJ330X	Panasonic - ECG		
48	11	R11,R13,R14,R26,R27,R30,R31,R46,R48,R61,R62	RES 10.0K OHM 1/10W 1% 0402 SMD	ERJ-2RKF1002X	Panasonic - ECG		
49	1	R12	RES 120 OHM 1/10W 5% 0402 SMD	ERJ-2GEJ121X	Panasonic - ECG		
50	2	R15,R16	RES 3.3K OHM 1/10W 5% 0402 SMD	ERJ-2GEJ332X	Panasonic - ECG		
51	0	R17	RES 120 OHM 1/10W 5% 0402 SMD	ERJ-2GEJ121X	Panasonic - ECG	NU	
52	11	R2,R20,R21,R22,R23,R24,R29,R32,R35,R54,R55	RES 1.00K OHM 1/10W 1% 0402 SMD	ERJ-2RKF1001X	Panasonic - ECG		
53	2	R25,R28	RES 20K OHM 1/10W 5% 0402 SMD	ERJ-2GEJ203X	Panasonic - ECG		
54	1	R38	RES 348K OHM 1/10W 1% 0402 SMD	ERJ-2RKF3483X	Panasonic - ECG		RC0402FR-07348KL
55	1	R39	RES 76.8K OHM 1/10W 1% 0402 SMD	ERJ-2RKF7682X	Panasonic - ECG		RC0402FR-0776K8L
56	0	R44	RES 10.0K OHM 1/10W 1% 0402 SMD	ERJ-2RKF1002X	Panasonic - ECG	NU	

57	2	R47,R63	RES 0.0 OHM 1/10W 0402 SMD	ERJ-2GE0R00X	Panasonic - ECG		
58	1	R49	RES 680 OHM 1/10W 5% 0402 SMD	ERJ-2GEJ681X	Panasonic - ECG		
59	1	R5	RES 100 OHM 1W 5% 2512 SMD	CRCW2512100RJNEG	Vishay/Dale		
60	1	R50	RES 2.2K OHM 1/10W 5% 0402 SMD	ERJ-2GEJ222X	Panasonic-ECG		
61	1	R51	RES 6.8KK OHM 1/16W .1% 0402 SMD	ERJ-2GEJ682X	Panasonic-ECG		
62	2	R52,R53	RES 100K OHM 1/10W 5% 0402 SMD	ERJ-2GEJ104X	Panasonic - ECG		
63	0	R58	RESISTOR 5.1 OHM 1/10W 5% 0402 SMD	ERJ-2GEJ5R1X	Panasonic - ECG	NU	
64	1	R59	RES 110K OHM 1/10W 1% 0402 SMD	ERJ-2RKF1103X	Panasonic - ECG		RC0402FR-07110KL
65	0	R6	RES 0.0 OHM 1/8W 0805 SMD	ERJ-6GEY0R00V	Panasonic - ECG	NU	
66	1	R60	RES 1.87K OHM 1/16W 0.5% 0402 SMD	RR0510P-1871-D	Susumu		RC0402DR-071K87L
67	2	R7,R8	RES 220 OHM 1/10W 5% 0402 SMD	ERJ-2GEJ221X	Panasonic - ECG		
68	1	SW1	Molded Reed Switch, SMD	RMS10SMD	Rapidtek Magnetic Devices Inc.		
69	0	U1	POE module 12W output	AG9412-2BR	Silvertel		
70	1	U10	IC LO PWR RS-485 TXRX 8-SOIC	SN65HVD485ED	Texas Instruments		
71	1	U11	RELAY 1 Form C ,TELECOM 5VDC SPDT SMD	1462042-8	Tyco Electronics		
72	1	U12	TVS ARRAY 8V 500W	SMDA08C	ProTek Devices		
73	1	U13	MODULE XFRMR VOIP SGL LAN 16SOIC	HX2019NL	Pulse		
74	1	U14	IC, 2A Step Down DC/DC Regulator, SOIC-8	TPS54232D	TI		
75	2	U16,U17	IC TVS ARRAY 2-LINE 300W SOT-143	SR70.TCT	Semtech		
76	2	U2,U3	IC TVS ARRAY 4-LINE 5V SOT23-6	CDSOT23-SRV05-4	Bourns Inc		
77	2	U4,U15	TVS DIODE ARRAY 4CH 5V SOT23-6	SP3050-04HTG	Littelfuse Inc		
78	1	U5	IC TVS ARRAY 2-LINE 300W SOT-143	SR70.TCT	Semtech		
79	1	U6	IC BUFF DL UHS O/DRAIN SC706	NC7WZ07P6X	Fairchild Semiconductor		
80	1	U7	IC BUFF/DVR DL NON-INV SC706	SN74LVC2G07DCKR	TI		
81	1	U8	IC BUS TRANSCVR TRI-ST SOT236	SN74LVC1T45DBVT	Texas Instruments		
82	1	U9	MOSFET N/P-CH DUAL 20V SSOT-6	FDC6327C	Fairchild Semiconductor		

**4G V-Flex Lite (Base)**

Item	Qty	Reference	Description	Mfg. part#	Mfg.	Status	Alternated Part
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1	1	Aux	Fingerprint Sensor, SecuGen Optical SDOPP03M DUST PROOF SENSOR	EA2-0022DP	SecuGen		
2	1	Cable	Cable, Bi-Color LED, V-Flex Lite, CR-Pass, 4G	826-00181-00R	NWT		
3	1	Cable	Cable, Flat Flex, 20PO, 0.5mm Pitch, Opposite Ends, Gold flash, 3 inch	683-00115-00R	Winxin		
4	1	Cable	Cable, Speaker with Gasket, 4G Extreme	GC0251RWX	CUI		
5	1	Cable	Cable, V-Flex User IO, 4G	826-00180-01R	NWT		
6	1	Kit	CD	804-4G-105-10-003	KWT		
7	1	Kit	installation kit (ferrite changed to 28A2432-0A2)	842-00121-00R	KWT		
8	1	Kit	Quick Start Guide	430-4G-010-10-001	KWT		
9	1	Mech	Gasket, USB Door, V-Flex Lite, 4G	733-00133-00R	KWT		
10	1	Mech	Gasket, Finger Mask, V-Flex Lite, 4G	733-00131-00R	KWT		
11	1	Mech	Magnet, Tamper Proofing, V-Flex Lite, 4G, 10mm x 5mm x 1.9mm	4003004032	Meder Electronics		
12	1	Mech	RTV/Silicon Sealent				
13	1	Mech	Loctite 401		Loctite		
14	4	Mech	Standoff, brass, Hex 10 mm body, Male-Female threaded M2 x 6mm.	714-00149-00R	KWT		
15	4	Mech	Screw, thread forming Stainless Steel, mech, m2x6mm, pan head, philips	720-00xxx-00R	KWT		
16	4	Mech	Screw, Stainless Steel, mech, m2x6mm, pan head, philips (2x inside, 2x outside)	720-00125-00R	KWT		
17	6	Mech	Screw, Thread forming, Stainless Steel, mech, m2x4mm, pan head, philips (SecuGen holder)	720-00xxx-00R	KWT		
18	1	Mech	Washer, Security Screw Retainer, Stainless Steel	721-00104-00	KWT		
19	1	Mech	Stainless Steel, 6-32 Security Screw 1/8" pin-in-hex 1/4" length	381-350	spaenaur		
20	1	Mech	Stainless Steel, Wall Mount Plate, V-Flex Lite, 4G	714-00147-00R	Sunon		
21	1	Mech	User IO signal color code sticker (set of 7 stickers)		KWT		
22	1	Mech	warranty Sticker, 1/2" circle	735-00116-00	KWT		
23	1	Mech	TLA label 37x30mm, sliver	735-00269-00	KWT		
24	1	Mech	S/N Label 6x30mm, sliver	735-00270-00	KWT		
25	6	Mech	M2 O-rings		KWT		
26	1	Pack	Mailing Box with insert, printed, V-Flex Lite, 4G	809-00147-00	KWT		

27	3	Pack	Sticker, Clear, round, 1" (or 25mm) dia.	735-00268-00	KWT		
28	1	Pack	Label stock, white paper, 1"x2.625" or similar (avery 5160)	735-00267-00	KWT		
29	1	Pack	tape, clear with one color bioscrypt-L1 logo, 3/4" width		KWT		
30	1	Plastics	Gasket, Silicon Rubber, Main housing, V-Flex Lite, 4G	716-00117-00	Sunon		
31	1	Plastics	Plastics, Back Plate, V-Flex Lite, 4G	712-00220-01	Sunon		
32	1	Plastics	Plastics, Front Bezel, V-Flex Lite, 4G	712-00222-00	Sunon		
33	1	Plastics	Plastics, Front Body, V-Flex Lite, 4G	712-00221-00	Sunon		
34	1	Plastics	Plastics, Lower Lightpipe, V-Flex Lite, 4G	712-00219-00	Sunon		
35	1	Plastics	Plastics, Magnet Carrier, V-Flex Lite, 4G	712-00224-00	Sunon		
36	1	Plastics	Plastics, SecuGen Sensor Carrier, V-Flex Lite, 4G	712-00225-00	Sunon		
37	1	Plastics	Plastics, Upper Lightpipe, V-Flex Lite, 4G	712-00218-00	Sunon		
38	1	Plastics	Plastics, USB Door, V-Flex Lite, 4G	712-00223-00	Sunon		

**HID Prox Reader (Option)**

Item	Qty	Reference	Description	Mfg. part#	Mfg.	Status	Alternated Part
1	1	Aux	Card Reader, Proximity Card Reader, Prox-Point OEM Module: 4065AAN00	4065AAN00	HID		
2	1	Cable	Cable, Prox card reader, V-Flex Lite, CR-Pass, 4G	826-00179-00R	KWT		
3	1	Mech	5/8" 4-40 pan head philip screws (for prox reader)	720-00108-00R	KWT		
4	1	Mech	Washer, Rubber, 0.5" Dia, 0.125" Thick, 3/32" ID, RoHS	RB-374-RCZ	spaenaur		
5	2	Mech	Double sided Foam Tape 1" Wide 3M 4955	4955	3M		

**4G V-Flex Lite Installation Kit**

Item	Qty	Reference	Description	Mfg. part#	Mfg.	Status	Alternated Part
1	1	Cable	Cable, NGV MicroUSB Device Cable	826-00153-00R	NWT		
2	1	Cable	Cable, NGV MicroUSB PC Cable	826-00152-00R	NWT		
3	2	mech	#4-8 1" nylon wall anchor		KWT		
4	2	mech	#6 1" philip pan head self-tapping screw		KWT		



5	1	mech	Washer, Security Screw Retainer, Stainless Steel	721-00104-00	KWT		
6	1	mech	1/8" pin-in-hex security key 2.5"	6K18	Tamper proof security		
7	1	mech	2x3" ziploc plastic bag (or "bag in a roll")		KWT		
8	2	mech	6-32 3/4" Philip pan head screw		KWT		
9	1	mech	6-32 Security Screw 1/8 pin-in hex 1/4" length	381-351	Spaenaur		Correct description is 6-32 Security Screw 1/8 pin- in hex 1/4"
10	1	mech	label (Installation kit)		KWT		
11	1	mech	Ethernet Ferrite P/N: STEWARD 28A2432-0A2	28A2432-0A2	Steward		
12	1	mech	logo sticker, bioscrypt type A, 712 - 00234-00	712 -00234-00	KWT		
13	1	mech	ziploc Plastic bag 4x7" or other common bag		KWT		4x6"