

Fitted	Quantity	Designator	Part Desc.2	Mfg.	Mfg. Part #	IENSO Part#
Fitted	1	1	RAW PCB IEN0015-07	IENSO INC.	100633	100633
Fitted	2	C1, C2	CAP CER 2.2UF 25V 10%	Taiyo Yuden	TMK107ABJ225KA-T	100287
Fitted	1	C3	CAP CER 0.027UF 10V 1%	Murata	GRM155R61A273KA01D	100288
Fitted	8	C4, C42, C45, C49, C110	CAP CER 22UF 6.3V 20%	Taiyo Yuden	JMK212BJ226MG-T	100160
Fitted	3	C5, C9, C12	CAP CER 39PF 50V 5% N	Murata	GRM1555C1H390JZ01D	100290
Fitted	13	C6, C53, C55, C57, C63,	CAP CER 1UF 6.3V 10%	Taiyo Yuden	JMK105BJ105KV-F	100149
Fitted	7	C7, C8, C11, C14, C153,	CAP CER 10UF 6.3V 20%	Taiyo Yuden	JMK107BJ106MA-T	100002
Fitted	1	C10	CAP CER 10000PF 50V X	TDK Corporation	C1608X7R1H103K	100043
Fitted	17	C13, C16, C18, C19, C21	CAP CER 0.1UF 16V 10%	Taiyo Yuden	EMK105B7104KV-F	100291
Fitted	9	C15, C17, C36, C40, C41	CAP CER 10UF 16V 10%	Taiyo Yuden	EMK212BJ106KG-T	100174
Fitted	65	C20, C54, C56, C69, C70	CAP CER 0.1UF 6.3V 10%	Murata	GRM033R60J104KE19D	100140
Fitted	16	C23, C24, C29, C106, C1	CAP CER 4.7UF 6.3V 20%	Taiyo Yuden	JMK107BJ475MA-T	100159
Fitted	3	C27, C152, C156	CAP CER 2.2UF 6.3V 10%	Taiyo Yuden	JMK107BJ225KA-T	100006
Fitted	7	C32, C33, C34, C37, C38	CAP CER 1UF 25V 10% X	Taiyo Yuden	TMK107BJ105KA-T	100292
Fitted	1	C39	CAP CER 4.7PF 50V NPO	TDK	C1005C0G1H4R7C	100198
Fitted	1	C43	CAP CER 33PF 50V 5% N	Taiyo Yuden	UMK105CG330JV-F	100202
Fitted	4	C46, C51, C65, C66	CAP CER 10PF 50V NPO	Taiyo Yuden	UMK105CG100DV-F	100152
Fitted	1	C52	CAP CER 82PF 50V 5% N	TDK	C1005C0G1H820J	100191
Fitted	1	C64	CAP CER 10000PF 16V 1	YAGEO	CC0402KRX7R7BB103	100005
Fitted	1	C135	CAP CER 220PF 50V 10%	Taiyo Yuden	UMK105B7221KV-F	100163
Fitted	1	C158	CAP CER 100UF 10V 20%	TDK Corporation	C3216X5R1A107M	100388
Fitted	5	D1, D6, D7, D9, D10	DIODE SCHOTTKY 1A 40V	Diodes Inc.	BAT1000-7-F	100272
Fitted	1	D2	IC 4CH ESD SOLUTION	TI	TPD4S012DRYR	100293
Fitted	4	D3, D4, D5, D12	TVS ESD Protection ultra	Semtech Inc.	RCLAMP7524T	100294
Fitted	1	D8	DIODE 75V 150MA SOD	Fairchild	1N4148WS	100295
Fitted	1	D11	LED GREEN CLEAR 0805	LITE ON	LTST-C170GKT	100061
Fitted	1	FL1	FILTER 3-TERM 25MHZ	TDK Corporation	MEM1608P25R0	100654
Fitted	1	J1	CONN RCPT 30POS 0.41"	Hirose Electric	BM10NB(0.8)-30DS-0.4V	100241
Fitted	1	J2	CONN PLUG 30POS 0.5"	JMC Connector	30P9.0-JMCS-G-B-TF	100242
Fitted	1	J3	I/O Connectors 40P RECT	TE Connectivity	2129260-2	100296
Fitted	1	J4	CONN HEADER 5POS 1.27	Molex	87438-0543	100297
Fitted	1	J5	CONN FPC 33POS .3MM	Molex	54809-3398	100298
Fitted	1	J6	CONN .5MM FPC 10PS	Molex	503480-1000	100223
Fitted	1	J7	0.50mm Pitch Easy-On™	Molex	503480-0600	100299
Fitted	1	L1	INDUCTOR POWER 1.0UH	Vishay	IHLP1212AEER1R0M11	100300
Fitted	5	L2, L4, L5, L11, L12	FERRITE BEAD 100 OHM	Taiyo Yuden	BKP1608HS101-T	100155
Fitted	4	L6, L8, L9, L10	INDUCTOR POWER 2.2UH	Vishay Dale	IFSC1515AHER2R2M01	100301
Fitted	1	L7	INDUCTOR, 10UH, 1.3A	Vishay Dale	IFSC1515AHER100M01	100302
Fitted	1	L13	INDUCTOR POWER 1.5UH	Sumida America	CDRH2D14NP-1R5NC	100661
Fitted	1	Q1	MOSFET P-CH 8V 11.7A	Vishay	SI8429DB-T1-E1	100303
Fitted	4	Q2, Q4, Q6, Q10	MOSFET P-CH 20V 760MA	ON Semiconductor	NTE4151PT1G	100333
Fitted	8	Q3, Q5, Q7, Q8, Q9, Q11	MOSFET N-CH 60V 300MA	Vishay	2N7002K-T1-E3	100267
Fitted	18	R1, R3, R12, R19, R24, R	RES 10K OHM 1/10W 5%	Panasonic	ERJ-2GEJ103X	100008
Fitted	28	R4, R5, R6, R9, R14, R15	RES 0.0 OHM 1/10W 04	Panasonic	ERJ-2GE0R00X	100145
Fitted	2	R7, R8	RES 200 OHM 1/10W 5%	Panasonic	ERJ-2GEJ201X	100304
Fitted	1	R10	RES 13.0K OHM 1/10W	Panasonic	ERJ-2RKf1302X	100305
Fitted	9	R11, R18, R35, R42, R75	RES 100K OHM 1/10W 5%	Panasonic	ERJ-2GEJ104X	100263
Fitted	5	R13, R26, R107, R112, R	RES 20K OHM 1/10W 5%	Panasonic	ERJ-2GEJ203X	100306
Fitted	2	R16, R56	RES 200K OHM 1/10W 5%	Panasonic	ERJ-2GEJ204X	100307
Fitted	33	R17, R37, R57, R80, R81	RES 1.00K OHM 1/16W	Yageo	RC0402FR-071KL	100139
Fitted	1	R25	RES 27K OHM 1/10W 5%	Panasonic	ERJ-2GEJ273X	100169
Fitted	3	R31, R130, R159	RES 47K OHM 1/10W 5%	Panasonic	ERJ-2GEJ473X	100162
Fitted	10	R32, R102, R104, R115, R	RES 10.0K OHM 1/10W	Panasonic	ERJ-2RKf1002X	100143
Fitted	2	R34, R39	RES 470K OHM 1/10W 5%	Panasonic	ERJ-2GEJ474X	100309
Fitted	1	R36	RES 88.7K OHM 1/10W	Panasonic	ERJ-2RKf8872X	100197

Fitted	1	R38	RES 10.0 OHM 1/10W 1	Panasonic	ERJ-2RKF10R0X	100310
Fitted	1	R41	RES 330K OHM 1/10W 1	Panasonic	ERJ-2RKF3303X	100194
Fitted	1	R43	RES 374K OHM 1/10W 1	Panasonic	RJ-2RKF3743X	100195
Fitted	1	R46	RES 93.1K OHM 1/10W 1	Panasonic	ERJ-2RKF9312X	100190
Fitted	1	R49	RES 576K OHM 1/10W 1	Panasonic	ERJ-2RKF5763X	100192
Fitted	1	R50	RES 180K OHM 1/10W 1	Panasonic	ERJ-2RKF1803X	100193
Fitted	1	R51	RES 23.2K OHM 1/10W 1	Panasonic	ERJ-2RKF2322X	100189
Fitted	1	R52	RES 52.3K OHM 1/10W 1	Panasonic	ERJ-2RKF5232X	100181
Fitted	1	R53	RES 62.0K OHM 1/10W 1	Panasonic	ERJ-2RKF6202X	100511
Fitted	1	R54	RES 20.0K OHM 1/10W 1	Panasonic	ERJ-2RKF2002X	100024
Fitted	1	R77	RES 100 OHM 1/10W 1	PANASONIC	ERJ-2RKF1000X	100312
Fitted	3	R78, R79, R119	RES 33.0 OHM 1/10W 1	PANASONIC	ERJ-2RKF33R0X	100146
Fitted	2	R93, R99	RES 240 OHM 1/16W 1	Vishay Dale	CRCW0402240RFKED	100138
Fitted	2	R105, R114	RESISTOR 0R 1/10W 5%	PANASONIC	ERJ-3GEY0R00V	100011
Fitted	3	R116, R158, R163	RES 2.2K OHM 1/10W 5	Panasonic	ERJ-2GEJ222X	100314
Fitted	1	R122	RES 44.2 OHM 1/10W 1	Panasonic	ERJ-2RKF44R2X	100147
Fitted	1	R131	RES 33K OHM 1/10W 5	Panasonic	ERJ-2GEJ333X	100313
Fitted	1	R143	RES 1.0M OHM 1/10W 5	Panasonic	ERJ-2GEJ105X	100308
Fitted	1	R144	RESISTOR 330R 1/10W 5	PANASONIC	ERJ-3GEYJ331V	100208
Fitted	1	R147	RES 4.7K OHM 1/10W 5	Panasonic	ERJ-2GEJ472X	100156
Fitted	1	R150	RES 15K OHM 1/10W 5	Panasonic	ERJ-2GEJ153X	100157
Fitted	2	RN1, RN2	RES ARRAY 51K OHM 4	Panasonic	EXB-N8V513JX	100315
Fitted	3	RN3, RN4, RN5	RES ARRAY 100K OHM 4	CTS	746X101104JP	100137
Fitted	1	SH1	SHIELD_CAN 32mm x 32		100568	100568
Fitted	1	SH2	SHIELD_CAN CUSTOM 3		100399	100399
Fitted	1	T1	THERMISTOR 10K OHM	Murata	NCP15XH103J03RC	100264
Fitted	1	U1	Ambarella Micro-Contro	Ambarella	A7LS75-B1-RH	100588
Fitted	1	U2	DRAM Chip DDR3 SDRAM	Samsung	K4B4G1646B-HCH9	100317
Fitted	1	U3	Programmable Switchin	Summit	SMB347	100318
Fitted	2	U4, U5	IC ESD INTERFACE PROT	NXP	IP4283CZ10-TB,115	100319
Fitted	1	U6	IC HDMI ESD PROT 12H	NXP	IP4791CZ12,132	100320
Fitted	1	U7	IC TOUCH SCRNR CTRLR	Semtech	SX8651ICSTRT	100216
Fitted	1	U8	eMMC, 8GB, 14MB/s wr	Samsung	KLM8G2FE3B-B001003	100321
Fitted	1	U9	IC 5+2 Channel Power M	Richtek	RT9992ZQW	100322
Fitted	1	U10	IC Stereo low power cod	Wolfson	WM8946ECS	100323
Fitted	1	U11	IC LDO REG 200MA 1.8V	Texas Instruments	TPS79918YZUR	100020
Fitted	3	U12, U14, U15	AAT4280 Series P Ch Hi	ANALOGICTECH	AAT4280IGU-3-T1	100324
Fitted	1	U13	IC GYROSCOPE MEMS 2	INVENSENSE	IDG2020	100230
Fitted	1	U16	IC WATCHDOG TIMER S	Maxim Integrated	MAX6369KA+T	100635
Fitted	1	Y2	CRYSTAL 32.768KHZ 12	Fox Electronics	FSXLF327	100154
Fitted	1	Y3	Oscillator low power Sp	SI Time	SiT9003AC-33-18DD-24	100662
Not Fitted	0	C58, C60, C159, C160	CAP CER 0.1UF 16V 10%	Taiyo Yuden	EMK105B7104KV-F	100291
Not Fitted	0	C59, C61	CAP CER 12PF 50V 5% N	Taiyo Yuden	UMK105CG120JV-F	100151
Not Fitted	0	R2, R58, R59, R62, R63,	RES 10K OHM 1/10W 5	Panasonic	ERJ-2GEJ103X	100008
Not Fitted	0	R23, R47, R48, R106, R1	RES 0.0 OHM 1/10W 04	Panasonic	ERJ-2GE0R00X	100145
Not Fitted	0	R27	RES 1.00K OHM 1/16W	Yageo	RC0402FR-071KL	100139
Not Fitted	0	R60, R61	RES 100K OHM 1/10W 5	Panasonic	ERJ-2GEJ104X	100263
Not Fitted	0	R132, R140	RESISTOR 10M OHM 1/	Panasonic	ERJ-2GEJ106X	100150
Not Fitted	0	Y1	CRYSTAL 24.000 MHZ 2	ECS INC.	ECS-240-20-33-CKM-TF	100153