

ST INNOVATIOATIONS INDUSTRIAL LTD

BILL OF MATERIAL (B.O.M.)

MODEL NO. AQ-DM-1R, AQ-DM-2, AQ-DM-2B (STI-IDK-2)

DESCRIPTION MEDIA LOCKER

顾客产品编号:

X	UNDER DEVELO
X	PILOT RUN
	MASS PRODUCT

BOM #: BM-IDK2-9

REVISION 9

DATE 19/4/2008

REV.	PART NUMBER	DESCRIPTION	USAGE	UNIT	%	POSITION	
DOCK							
0	005-124304-01	INDUCTOR, MULTILAYER, 0603, 5%, 120NH	1	PCS	1	L18	
0	005-156504-01	INDUCTOR, POWER, 8D38, 15uH(8D38-150)	8	PCS	1	L1, L2L3, L4, L5, L6, L7, L8	
0	005-156504-02	INDUCTOR, 5.8x4.8 15uH +10%	1	PCS	1	L21	
0	005-272204-01	INDUCTOR, MULTILAYER, 0402, 5%, 2.7NH	1	PCS	1	L16	
0	005-333304-01	INDUCTOR, MULTILAYER, 0603, 5%, 33NH	2	PCS	1	L14, L17	
0	005-392204-01	INDUCTOR, MULTILAYER, 0402, 5%, 3.9NH	1	PCS	1	L13	
0	005-474504-01	INDUCTOR, WIRE WOUND, 0805, 470N, 10%	1	PCS	1	L19	
0	005-822204-01	INDUCTOR, MULTILAYER, 0402, 5%, 8.2NH	1	PCS	1	L15	
4	017-000302-01	RES, SMD, , 0603, 0R, 5%	1	PCS	1	R93	
8	017-100302-01	RES, SMD, , 0603, 100R, 5%	1	PCS	1	R84	
0	017-102302-01	RES, SMD, , 0603, 1K, 5%	2	PCS	1	R67, R68	
0	017-103302-00	RES, SMD, , 0603, 10K, 1%	2	PCS	1	R3, R39	
0	017-103302-01	RES, SMD, , 0603, 10K, 5%	15	PCS	1	R54, R55, R58, R74, R75, R80, R82, R72, R85, R88, R92, R60, R63, R69, R96	
0	017-104302-01	RES, SMD, , 0603, 100K, 5%	2	PCS	1	R53, R64	
0	017-105302-01	RES, SMD, , 0603, 1M, 5%	2	PCS	1	R51	
0	017-10R302-01	RES, SMD, , 0603, 10R, 5%	9	PCS	1	R6, R10, R18, R22, R30, 34, R42, R46, R94	
0	017-10R502-01	RES, SMD, , 0805, 10R, 5%	8	PCS	1	R4, R8, R9, R16, R20, R21, R28, R32	
0	017-120302-01	RES, SMD, , 0603, 12R, 5%	1	PCS	1	R59	
9	017-150302-01	RES, SMD, , 0603, 120R, 1%	1	PCS	1	R101	
0	017-153302-01	RES, SMD, , 0603, 180K, 5%	1	PCS	1	R44	
0	017-153302-01	RES, SMD, , 0603, 15K, 5%	2	PCS	1	R76, R78	
0	017-154302-00	RES, SMD, , 0603, 150K, 1%	8	PCS	1	R7, R12R19, R24, R31, R36, R43, R48	
0	017-183302-01	RES, SMD, , 0603, 18K, 5%	1	PCS	1	R66	
0	017-203302-01	RES, SMD, , 0603, 20K, 5%	8	PCS	1	R5, R11, R17, R23, R29, R35, R41, R47	
0	017-203302-01	RES, SMD, , 0603, 2K, 1%	1	PCS	1	R73	
0	017-223302-01	RES, SMD, , 0603, 2K2, 5%	1	PCS	1	R33	
0	017-223302-01	RES, SMD, , 0603, 22K, 5%	3	PCS	1	R52, R89, R90	
0	017-223302-01	RES, SMD, , 0603, 1K5, 5%	2	PCS	1	R81, R83	
0	017-392302-01	RES, SMD, , 0603, 3K9, 5%	2	PCS	1	R86, R87	
0	017-470302-01	RES, SMD, , 0603, 47R, 5%	1	PCS	1	R61	
0	017-472302-01	RES, SMD, , 0603, 4K7, 5%	3	PCS	1	R56, R57, R71	
9	017-473302-01	RES, SMD, , 0603, 33K, 5%	3	PCS	1	R49, R50, R62	
0	017-473302-01	RES, SMD, , 0603, 47K, 5%	2	PCS	1	R94, R95	
0	017-493301-01	RES, SMD, , 0603, 49.9K, 1%	2	PCS	1	R99, R100	
0	017-4R7302-01	RES, SMD, , 0603, 4R7, 5%	1	PCS	1	R65	
0	017-512302-00	RES, SMD, , 0603, 5K1, 1%	8	PCS	1	R1, R2, R13, R14, R25, R26, R37, R38	

制表:_____

确认:_____

审核:_____

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MODEL NO. AQ-DM-1R, AQ-DM-2, AQ-DM-2B (STI-IDK-2)
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顾客产品编号:

X	UNDER DEVELO
X	PILOT RUN
	MASS PRODUCT

BOM #: BM-IDK2-9
REVISION 9
DATE 19/4/2008

REV.	PART NUMBER	DESCRIPTION	USAGE	UNIT	%	POSITION
0	017-549302-00	RES, SMD, , 0603, 549K, 1%	1	PCS	1	R91
9	017-563302-01	RES, SMD, , 0603, 56K, 5%	1	PCS	1	R45
0	017-682302-01	RES, SMD, , 0603, 6K8, 5%	1	PCS	1	R70
0	017-752302-01	RES, SMD, , 0603, 7.5K, 5%	2	PCS	1	R77, R79
0	017-753301-01	RES, SMD, , 0603, 75K, 1%	2	PCS	1	R97, R98
0	017-914302-01	RES, SMD, , 0603, 910K, 5%	1	PCS	1	R40
0	018-107009-30	CAP, TANALUM, B SIZE, 100UF, 6V3	4	PCS	1	C82, C106, C134, C136
0	023-102309-02	CAP, CERAMIC, 0603, 1000P, +/-10%, 50V,X7R	5	PCS	1	C87, C99, C115, c133
0	023-103309-02	CAP, CERAMIC, 0603, 10N, -20%/+80%%, 50V,X7R	4	PCS	1	C91, C108, C83, C128
0	023-104309-02	CAP, CERAMIC, 0603, 100N, -20%/+80%, 50V,X7R	15	PCS	1	C75, C80, C84, C86, C88, C89, C107, C100, C103, C104, C105, C127, C133, C132, C137
0	023-104509-02	CAP, CERAMIC, 0805, 100N, -20%/+80%, 50V,X7R	8	PCS	1	C14, C15, C22, C33, C41, C51, C60, C70
0	023-105309-02	CAP, CERAMIC, 0603, 1uF, -20%/+80%,50V,X7R	10	PCS	1	C10, C18, C29, C35, C48, C54, C67, C73, C79, C129
0	023-105509-02	CAP, CERAMIC, 0805, 1uF, -20%/+80%, 50V,X7R	8	PCS	1	C7, C8, C26, C27, C45, C46, C64, C65
0	023-106606-04	CAP, CERAMIC, 1206, 10uF, +80%/-20%,25V,X7R	12	PCS	1	C1, C2, C20, C21, C39, C40, C58, C59, C81, C85, C130, C131
0	023-120309-01	CAP, CERAMIC, 0603, 12P, NPO,50V	1	PCS	1	C112
0	023-1R0202-00	CAP, CERAMIC, 0402, 1P, NPO,50V	1	PCS	1	c95
0	023-1R0309-01	CAP, CERAMIC, 0603, 1P, NPO,50V	9	PCS	1	C5, C6, C24, C25, C43, C44, C62, C63, C113
0	023-1R5202-00	CAP, CERAMIC, 0402, 1P5, NPO,50V	1	PCS	1	C94
0	023-220309-01	CAP, CERAMIC, 0603, 22P, NPO,50V	4	PCS	1	C96, C97, C101, C102
0	023-222202-00	CAP, CERAMIC, 0402, 2N2, NPO,50V	1	PCS	1	C93
0	023-222309-02	CAP, CERAMIC, 0603,2200P, +/-10%, 50V,X7R	4	PCS	1	C4, C23, C42, C61
0	023-223309-02	CAP, CERAMIC, 0603, 22N, -20%/+80%%, 50V,X7R	5	PCS	1	C110, C111, C114, C123, C125
0	023-224509-02	CAP, CERAMIC, 0805, 220N, -20%/+80%, 50V,X7R	8	PCS	1	C3, C13, C36, C52, C55, C66, C71, C74
0	023-270309-01	CAP, CERAMIC, 0603, 27P, NPO,50V	10	PCS	1	C12, C19, C31, C38, C50, C57, C69, C76, C122, C124
0	023-331309-02	CAP, CERAMIC, 0603, 330P, +/-10%, 50V,X7R	1	PCS	1	C90
0	023-333309-02	CAP, CERAMIC, 0603, 33N, -20%/+80%%, 50V,X7R	4	PCS	1	C98, C118, C119, BC25
0	023-391309-02	CAP, CERAMIC, 0603, 390P, +/-10%, 50V,X7R	8	PCS	1	C11, C17, C30, C34, C49, C53, C68, C72
0	023-393309-02	CAP, CERAMIC, 0603, 39N, -20%/+80%%, 50V,X7R	1	PCS	1	C109
0	023-470309-01	CAP, CERAMIC, 0603, 47P, NPO,50V	1	PCS	1	C121
0	023-472309-02	CAP, CERAMIC, 0603,4700P, +/-10%, 50V,X7R	1	PCS	1	C120
0	023-473309-02	CAP, CERAMIC, 0603, 47N, -20%/+80%%, 50V,X7R	3	PCS	1	C116, C117, C126
0	023-474509-02	CAP, CERAMIC, 0805, 470N, -20%/+80%, 50V,X7R	4	PCS	1	C16, C32, C37, C56
0	023-4R7202-00	CAP, CERAMIC, 0402, 4P7, NPO,50V	1	PCS	1	C92
0	023-5R0309-01	CAP, CERAMIC, 0603, 5P, NPO,50V	1	PCS	1	C138
6	027-108039-41	E.CAP, 5X7mm,100uF,+80/-20%,25V	1	PCS	1	C135
0	027-108039-41	E.CAP, 10X20mm,1000uF,+80/-20%,25V	1	PCS	1	C77
0	027-227039-41	E.CAP, 6X12mm,470uF,+80/-20%,25V	4	PCS	1	C9, C28, C47, C78

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MODEL NO. AQ-DM-1R, AQ-DM-2, AQ-DM-2B (STI-IDK-2)
DESCRIPTION MEDIA LOCKER
顾客产品编号:

X	UNDER DEVELO
X	PILOT RUN
	MASS PRODUCT

BOM #: BM-IDK2-9
REVISION 9
DATE 19/4/2008

REV.	PART NUMBER	DESCRIPTION	USAGE	UNIT	%	POSITION
0	029-361110-01	LED, SUPERBRIGHT, 3mm灯仔.	1	PCS	1	D11
0	030-222020-10	DIODE, VARACTOR, BB202, PHILIPS	2	PCS	1	D3, D7
0	030-314148-20	DIODES, SOD-323, 1N4148WS-7-F	8	PCS	1	D2, D5, D10, D13, D18, D21, D26, D29
0	030-415262-20	DIODE, ZENER, 6.2V, SOD-323, BZT52C6V2S	8	PCS	1	D1, D6, D9, D14, D17, D22, D25, D30
0	030-415262-20	DIODE, SCHOTTKY, 1R, MBRS130LTR (DCSK13)	9	PCS	1	D4, D8, D12, D16, D20, D24, D28, D32, D15
7	031-199014-00	TRANSISTOR, MMBT9014, NPN, SOT23, 或2SC2712 TOSHIBA	5	PCS	1	Q1, Q3, Q4, Q5, Q6
0	031-200772-01	TRANSISTOR, KSB772YS, DIP	1	PCS	1	Q2
0	031-203906-00	TRANSISTOR, MMBT3906, PNP 或NSCT3906LT1G ON	2	PCS	1	Q9, Q11
0	033-111701-01	IC, SOT-223, AMS1117-3.3	1	PCS	0	U5
3	033-140131-01	IC, DUAL TYPE D FLIP-FLOP, ON, MC14013BG 或 PHILIPS, HEF4013BT, SOIC-14	1	PCS	1	U11
0	033-154501-01	MOSFET, POWER, TOREX ,SOP8,XPI32A1545SR	1	PCS	0	T1
0	033-240101-01	IC, 2.4GHz TRANSCIEIVER, QFN20, 4X4mm, nRF24L01	1	PCS	0	U10
0	033-406601-01	IC, QUAD SWITCH, SOT108-1, MC54/74HC4066	1	PCS	0	U9
0	033-481101-01	IC, AUDIO AMP, SOP8, NS, LM4811MM	1	PCS	0	U6
0	033-483001-01	IC, OTP, HOLTEK, SOP28, HT48R30A-1	1	PCS	0	U8
0	033-576701-06	IC, DC/DC Converter, SOP8, TD1410	1	PCS	0	U12
0	033-576701-06	IC, TEA5767HN/V3+118, PHILIPS	1	PCS	0	U7
0	033-778201-01	IC, AUDIO AMP, TSSOP20F, MP7782	4	PCS	0	U1, U2, U3, U4
0	033-934601-01	IC, SERIAL EEPROM, CATALYST(CSI), CAT93C46v1	1	PCS	0	U14
0	037-167221-2B	CRYSTAL, SMD-94US, 16MHz, 30PPM	1	PCS	1	Y1
0	037-32321-3B	CRYSTAL, 32.768KHz, 12.5pF +/-20ppm SIZE: 2x7mm	1	PCS	1	Y3
0	037-406221-1B	CRYSTAL, 94US, 4MHz, 30PPM	1	PCS	1	Y2
0	042-060651-15	TACT Switch TS-06VA, STEM=4MM, 150g	1	PCS	1	SW1
0	061-254001-01	2.54MM WAFER, CONNECTOR, PLUG, 7P, FEMALE	1	PCS	1	RX
0	061-254001-02	2.54MM WAFER, CONNECTOR, SOCKET, 7P, MALE(GOLD PLATE)	1	PCS	1	RX
0	061-421000-01	RCA CABLE, RED, 280+3MM, GOLD PLATE	1	PCS	1	RX
0	061-421000-02	RCA CABLE, WHITE, 280+3MM, GOLD PLATE	1	PCS	1	RX
0	061-49IDK2-0	3.5MM STEREO CABLE WITH PLUG, GOLD PLATE, L=170MM (SIDK-A)	1	PCS	1	RX
0	061-624041-01	CONNECTOR, SMD, 4P, PITCH=1.25MM.	1	PCS	1	RX
0	061-624041-02	CONNECTOR W/ CABLE, 4X1.25MM, TERMINAL, 120+3MM	1	PCS	1	RX
0	061-624061-01	CONNECTOR, SMD, 6P, PITCH=1.25MM.	1	PCS	1	RX
0	061-624061-02	CONNECTOR W/ CABLE, 6X1.25MM, TERMINAL, 120+3MM	1	PCS	1	RX
0	061-860001-01	IPOD CONNECTOR, 30PIN PLUG	1	PCS	1	RX
0	072-383022-10	PVC WIRE, BLACK, UL 1007 AWG #22 Wire3+35mm	1	PCS	1	ANT1
0	072-503328-20	PVC WIRE, RED, UL 1007 AWG #28 Wire3+44+3mm	1	PCS	1	VDD
0	072-703322-10	PVC WIRE, BLACK, UL 1007 AWG #22 Wire3mm+120cm	1	PCS	1	ANT3
0	075-633100-20	CABLE, BLACK, 7 WIRES, Wire 外径=4mm 内线#28线, L=150MM	1	PCS	1	RX

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 DESCRIPTION MEDIA LOCKER
 顾客产品编号:

X	UNDER DEVELO
X	PILOT RUN
	MASS PRODUCT

BOM #: BM-IDK2-9
 REVISION 9
 DATE 19/4/2008

REV.	PART NUMBER	DESCRIPTION	USAGE	UNIT	%	POSITION
0	078-601504-01	FLAT CABLE, GRAY, 4P, 4X2X70+3+3mm	1	PCS	1	ON/OFF
0	084-060006-01	FERRITE CHIP BEADS, 1206, 6A, 60 OHM	2	PCS	1	F32, F33
8	084-102003-01	FERRITE CHIP BEADS, 0603, 1000 OHM	18	PCS	1	F3, F4, F5, F6, F7, F30, F22, F23, F2, F24, F10, F11, F12, F13, F26, F27, F28, F58
0	084-102006-01	FERRITE CHIP BEADS, 0805, 2A, 600 OHM	18	PCS	1	F1, F31, F25, F29, F14, F15, F16, F17, F18, F19, F20, F21, F8, F9, F34, F35, F36, F37
0	088-1209001-0	12PIN HARNESS CABLE	1	PCS	1	RX
0	090-495001-01	PCB , FR4, 0.8MM, D/S, PTH, GOLD FLASH,Size=16.3X16.3X0.8mm	1	PCS	0	MCU PCB
0	090-IDK2i1-01	PCB , FR4, 1.0MM, D/S, PTH, GOLD FLASH,Size=108X62.9X1mm	1	PCS	0	POWER AMP BOARD
0	090-IDK2i2-01	PCB , FR4, 0.8MM, D/S, PTH, GOLD FLASH,Size=60.9X49.6X0.8mm	1	PCS	0	RX, SWITCH, TX BOARD
0	090-IDK2i3-01	PCB , FR4, 1.0MM, D/S, PTH, GOLD FLASH,Size=58.7X36X1mm	1	PCS	0	KEYBOARD
0	090-IDK2i6-01	PCB , FR4, 1.0MM, D/S, PTH, GOLD FLASH,Size=20X30X1mm	1	PCS	0	30 PIN CONNECTOR, 2.5MM CONNECTOR
0	202-IDK201-0	PLASTIC, TOP, PC	1	PCS	1	RX
0	202-IDK202-0	PLASTIC, MID CABINET, PC	1	PCS	1	RX
0	202-IDK202-0	PLASTIC, TOP, 30 PIN CONNECTOR, PC	1	PCS	1	RX
0	204-IDK201-0	PLASTIC,BOTTOM, PC	1	PCS	1	RX
0	204-IDK202-0	PLASTIC, 30PIN CONNECTOR, BOTTOM, PC	1	PCS	1	RX
0	210-IDK201-0	PLASTIC, CRADLE, IPOD CLASSIC 160G , PC	1	PCS	1	RX
0	210-IDK202-0	PLASTIC, CRADLE, IPOD CLASSIC 80G , PC	1	PCS	1	RX
0	210-IDK203-0	PLASTIC, CRADLE, IPOD IPOD NANO , PC	1	PCS	1	RX
0	210-IDK204-0	PLASTIC, CRADLE, IPOD IPOD TOUCH , PC	1	PCS	1	RX
0	210-IDK205-0	PLASTIC, CRADLE, IPOD IPHONE , PC	1	PCS	1	RX
8	210-IDK206-0	RCA CAP	2	PCS	1	RX
8	210-IDK207-0	30 PIN CONNECTOR, CAP	2	PCS	1	RX
0	211-IDK201-0	PLASTIC, LENS, PC	1	PCS	1	RX
0	212-IDK201-0	PLASTIC KNOB, PC	6	PCS	1	RX
0	212-IDK202-0	PLASTIC KNOB,(SHAFT HEAD) PC	2	PCS	1	RX
0	213-IDK201-0	ADAPTOR 1, (W/ M4 NUT) PC	6	PCS	1	RX
0	213-IDK202-0	ADAPTOR 2, (FOR SHAFT) PC	2	PCS	1	RX
0	213-IDK203-0	ADAPTOR 3, (VELCO STRAP) PC	2	PCS	1	RX
0	213-IDK204-0	ADAPTOR 4(LEFT TAB) PC	3	PCS	1	RX
0	213-IDK206-0	ADAPTOR 6 (2.54 CONNECTOR) PC	1	PCS	1	RX
0	213-IDK206-0	ADAPTOR 7(RIGHT TAB) PC	3	PCS	1	RX
0	213-IDK207-0	PLASTIC, LATCH, TOP, PC	1	PCS	1	RX
0	213-IDK208-0	PLASTIC, LATCH, BOTTOM, PC	1	PCS	1	RX
0	213-IDK209-0	PLASTIC, SMALL LATCH, PC	2	PCS	1	RX
0	213-IDK210-0	PLASTIC, LATCH ADAPTOR, PC	1	PCS	1	RX
0	218-IDK202-0	INLAY WITHOUT CONDUCTING PADS	1	PCS	1	RX
0	293-IDK201-0	RUBBER, SILICON, FRONT PANEL	1	PCS	1	RX

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DESCRIPTION MEDIA LOCKER

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X	UNDER DEVELO
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REV.	PART NUMBER	DESCRIPTION	USAGE	UNIT	%	POSITION	
0	293-IDK202-0	RUBBER, SILICON, MIDDLE CABINET	1	PCS	1	RX	
0	293-IDK203-0	RUBBER, SILICON, REAR CABINET	1	PCS	1	RX	
0	293-IDK204-0	RUBBER, SILICON, WIRE OUTLET	1	PCS	1	RX	
0	293-IDK206-0	RUBBER, SILICON, OUTER	0	PCS	1	RX	
0	293-IDK207-0	RUBBER, SILICON, RIM	1	PCS	1	RX	
0	323-000802-01	EVA, D/S TAPEX1, DIA.8X2mm, BLACK	7	PCS	1	RX	
0	323-291202-01	EVA, D/S TAPEX1, DIA. 29X15X2mm, BLACK	6	PCS	1	RX	
0	348-137501-01	HEAT SHRINKAGE TUBE, D13X75MM, BLACK	1	PCS	1	RX	
0	361-285501-01	VELCO STRAP, (HOOK), BLACK SIZE: 20X60MM	1	PCS	1	RX	
0	361-285501-02	VELCO STRAP, (LOOP), BLACK SIZE: 20X80MM	1	PCS	1	RX	
0	436-255701-01	SHAFT, S/S, SIZE: DIA.2.5x58MM.	2	PCS	1	RX	
0	438-IDK201-0	SPRING, (STI-IDK1-10-DWG)	1	PCS	1	RX	
0	616-200043-01	SCREW 2x5PA, "+" HEAD, NICKEL	4	PCS	1	RX, SWITCH BOARD, 30 PIN	
0	616-200802-01	SCREW 2x8 PWA, "+" WASHER HEAD, WASHER=6MM, NICKEL	2	PCS	1	2.54MM CONNECTOR	
0	616-260012-02	SCREW SUS201 12x2.6KA, "+" HEAD	13	PCS	1	REAR CABINET, MID CAB, CONNECTOR, LATCH	
0	616-260041-02	SCREW SUS201 8x2.6KA, "+" HEAD	11	PCS	1	HEATSINK, VELCO, LATCH	
0	616-300802-01	SCREW 3x8 PWA, "+" WASHER HEAD, WASHER=8MM, NICKEL	2	PCS	1		
0	616-430041-02	SCREW SUS201 43x4KM, "+" HEAD	6	PCS	1	LATCH	
0	889-886501-01	HEATSINK, SIZE:88X65.5mm	1	PCS	1	RX	

制表:_____

确认:_____

审核:_____