

NO.	NAME	P/N	MATERIAL DESCRIPTION	Q'TY	UNIT
	LABLE	AQ-5-MS5039	W6*124. PRINT "P0&P1"	2	pcs
16	CABLE	AQ-3-MS40109	24AWG (RED/BLACK)	A/R	M
15	CABLE	AQ-3-MS40108	20AWG (RED/BLACK/YELLOW)	A/R	M
14	CONN.	AQ-3-MS51502	15PIN SATA/M G/F BLACK	2	pcs
13	MOLDING	AQ-3-GL145201	45P PVC BLACK	A/R	KG
12	MOLDING	AQ-3-GL100101	LDPE,NATURAL	A/R	KG
11	CONN	AQ-3-MS51505	SAS 68P/F PINAu 15u BLACK	2	PCS
10	PCB	AQ-3-MS31037	MINISAS 68P PCB, FR4, 88±8 ohm	2	PCS
9	EXPANDD	AQ-3-MS76001	PET BALCK DD: 10mm	A/R	M
8	MOLDING	AQ-3-GL10501	PA646	A/R	KG
7	ACETATE TAPE	AQ-3-MS77001	W=25±5mm	A/R	M
6	PCB	AQ-3-MS31023	MINI SAS HD 41 PCB(A/B),FR4,PINAu 15u&30u,100±10 ohm	2	PCS
5	PCB	AQ-3-MS31022	MINI SAS HD 41 PCB(C/D),FR4,PINAu 15u&30u,100±10 ohm	2	PCS
4	COVER	AQ-3-MS64002	MINI SAS HD 8I COVER, PC BLACK	1	PCS
3	HDUSING	AQ-3-MS64001	MINI SAS HD 8I HDUSING, PC BLACK	1	PCS
2	CABLE	AQ-3-MS20101	30AWG CABLE	A/R	M
1	CABLE	AQ-3-MS40206	(30AWG*2C+2d)*AI+MYLAR,DD0.97*2.17MM,100±10 ohm	A/R	M


A	INITIAL RELEASE		20/03/16	
REV	DESCRIPTION OF CHANGE			DATE
TOLERANCE		DIKWAN® DONGGGUAN AIQUN INDUSTRIAL CO., LTD.		
INCHES		SCALE NONE		
MM		UNIT MM		
.X	.015	.030	REV A	
.XX	.010	.010	SHEET 1/2 CUSTOMER:	
.XXX	.005	.005	DATE 22/03/16 DWG No: AQ1617	
DRAWN BY	TONY CHAN		TITLE: MINISAS HD 8I to SAS 68P+15P	
CHECK BY				
CUSTOMER P/N:	P/N: AQ-1-MSB72E20500			

CONNECTOR SIGNAL	CONNECTOR	PAD	CONNECTOR	SFF-8639 DIRECT	CONNECTOR SIGNAL
GND	S1	D9	PI	S19	GND
SI_TX2-		D8	PI	S18	PI_TX1-
SI_TX2+		D7	PI	S17	PI_TX1+
GND		D6	P0,PI	P0-S19, PI-S16	GND
SI_TX0-		D5	P0	S18	P0_TX1-
SI_TX0+		D4	P0	S17	P0_TX1+
GND		D3	P0	S16	GND
SI_SB6		D2	PI	P4	PI_SB6
SI_SB5		D1	PI	E8	PI_SB5
SI_SB4		C1	PI	E7	PI_SB4
SI_SB2		C2	PI	E5	PI_SB2
GND		C3	P0	E16	GND
SI_TX1+		C4	P0	E17	P0_TX3+
SI_TX1-		C5	P0	E18	P0_TX3-
GND		C6	P0,PI	P0-E19, PI-E16	GND
SI_TX3+		C7	PI	E17	PI_TX3+
SI_TX3-		C8	PI	E18	PI_TX3-
GND		C9	PI	E19	GND
GND		B9	PI	S19	GND
SI_RX2-		B8	PI	S20	PI_RX1-
SI_RX2+		B7	PI	S21	PI_RX1+
GND		B6	P0,PI	P0-S19, PI-S22	GND
SI_RX0-		B5	P0	S20	P0_RX1-
SI_RX0+		B4	P0	S21	P0_RX1+
GND		B3	P0	S22	GND
SI_SB1		B2	PI	E24	PI_SB1
SI_SB3		B1	PI	P5	GND
SI_SB7		A1			PI_SB7
SI_SB0		A2	PI	E23	PI_SB0
GND	A3	P0	E22	GND	
SI_RX1+	A4	P0	E21	P0_RX3+	
SI_RX1-	A5	P0	E20	P0_RX3-	
GND	A6	P0,PI	P0-E19, PI-E22	GND	
SI_RX3+	A7	PI	E21	PI_RX3+	
SI_RX3-	A8	PI	E20	PI_RX3-	
GND	A9	PI	E19	GND	

CONNECTOR SIGNAL	CONNECTOR	PAD	CONNECTOR	SFF-8639 DIRECT	CONNECTOR SIGNAL
GND	S0	D9	PI	E12	GND
S0_TX2-		D8	PI	E11	PI_TX0-
S0_TX2+		D7	PI	E10	PI_TX0+
GND		D6	P0,PI	P0-E12, PI-E9	GND
S0_TX0-		D5	P0	E11	P0_TX0-
S0_TX0+		D4	P0	E10	P0_TX0+
GND		D3	P0	E9	GND
S0_SB6		D2	P0	P4	P0_SB6
S0_SB5		D1	P0	E8	P0_SB5
S0_SB4		C1	P0	E7	P0_SB4
S0_SB2		C2	P0	E5	P0_SB2
GND		C3	P0	S22	GND
S0_TX1+		C4	P0	S23	P0_TX2+
S0_TX1-		C5	P0	S24	P0_TX2-
GND		C6	P0,PI	P0-S25, PI-S22	GND
S0_TX3+		C7	PI	S23	PI_TX2+
S0_TX3-		C8	PI	S24	PI_TX2-
GND		C9	PI	S25	GND
GND		B9	PI	E12	GND
S0_RX2-		B8	PI	E13	PI_RX0-
S0_RX2+		B7	PI	E14	PI_RX0+
GND		B6	P0,PI	P0-E12, PI-E15	GND
S0_RX0-		B5	P0	E13	P0_RX0-
S0_RX0+		B4	P0	E14	P0_RX0+
GND		B3	P0	E15	GND
S0_SB1		B2	P0	E24	P0_SB1
S0_SB3		B1	P0	P5	GND
S0_SB7		A1			P0_SB7
S0_SB0		A2	P0	E23	P0_SB0
GND	A3	P0	S28	GND	
S0_RX1+	A4	P0	S27	P0_RX2+	
S0_RX1-	A5	P0	S26	P0_RX2-	
GND	A6	P0,PI	P0-S25, PI-S28	GND	
S0_RX3+	A7	PI	S27	PI_RX2+	
S0_RX3-	A8	PI	S26	PI_RX2-	
GND	A9	PI	S25	GND	

P0/P1	E3	P1	P2	P3	P4	P5	P6	P7	P8	P9		P12	P13	P14	P15
P2/P3	P1P2P3	----				P4P5P6	P7P8P9		P10P11P12			P13P14P15			
SYMBOL	3.3V	----				GND	5V		GND			12V			
WIRE AWG	24AWG	----				20AWG	20AWG		24AWG			20AWG			

NOTE:  
1.100%OPEN&SHORT TESTIGN,  
2.INSULATION RESISTANCE 10M Ohm MIN DC300V  
3.CONDUCTIVE RESISTANCE: 2 Ohm MAX

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REV	DESCRIPTION OF CHANGE		DATE		
TOLERANCE INCHES MM		<b>DIKWAN</b> ® DONGGGUAN AIQUN INDUSTRIAL CO.,LTD. 			
.X	.015				.030
.XX	.010				.010
.XXX	.005	.005			
DRAWN BY	TONY CHAN		SCALE	NONE	
CHECK BY			UNIT	MM	
CUSTOMER P/N:	P/N: AQ-1-MSB72E20500		SHEET	2/2	
			DATE	22/03/16	
			CUSTOMER: DWG No.:AQ1617		
			TITLE:MINISAS HD 8I to SAS 68P+15P		