



PIN ASSIGNMENT

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

P1		P0		P1		P0	
GND	D9	S25	GND	GND	B9	S25	GND
TX2-	D8	S24	PCIE_TX2-	RX2-	B8	S26	PCIE_RX2-
TX2+	D7	S23	PCIE_TX2+	RX2+	B7	S27	PCIE_RX2+
GND	D6	E12/S22	GND	GND	B6	S28/E12	GND
TX0-	D5	E11	PCIE_TX0-	RX0-	B5	E13	PCIE_RX0-
TX0+	D4	E10	PCIE_TX0+	RX0+	B4	E14	PCIE_RX0+
GND	D3	E9	GND	GND	B3	E15	GND
BMC_SMB_CLK	D2	E23	SMB_CLK	GND	B2	E5	RST
BMC_SMB_DAT	D1	E24	SMB_DAT	RST	B1	E7	CLOCK+
				CLK+	A1	E8	CLOCK-
				CLK-	A2	E9/S22	GND
GND	C3	S16	GND	GND	A3	S21	PCIE_RX1+
TX1+	C4	S17	PCIE_TX1+	RX1+	A4	S20	PCIE_RX1-
TX1-	C5	S18	PCIE_TX1-	RX1-	A5	S19/E22	GND
GND	C6	S19/S28	GND	GND	A6	E21	PCIE_RX3+
TX3+	C7	E17	PCIE_TX3+	RX3+	A7	E20	PCIE_RX3-
TX3-	C8	E18	PCIE_TX3-	RX3-	A8	E19	GND
GND	C9	E19	GND	GND	A9		

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

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-MS51S02	15PIN SATA/M G/F BLACK		1	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-MS51S05	SAS 68P/F PINAu 15u BLACK		1	PCS	
10	PCB	AQ-3-MS31037	MINISAS 68P PCB, FR4, 88±8 ohm		1	PCS	
9	EXPANDD	AQ-3-MS76001	PET BALCK OD: 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),FR4,100±10 ohm		1	PCS	
5	PCB	AQ-3-MS31022	MINI SAS HD 41 PCB(C/D),FR4,100±10 ohm		1	PCS	
4	COVER	AQ-3-MS64002	MINI SAS HD 41 COVER, PC BLACK		1	PCS	
3	HOUSING	AQ-3-MS64001	MINI SAS HD 41 HOUSING, PC BLACK		1	PCS	
2	CABLE	AQ-3-MS20101	30AWG CABLE		A/R	M	
1	CABLE	AQ-3-MS40206	<30AWG±2C+2d>M1+MYLAR,OD=0.97*2.17MM,100±10 ohm		A/R	M	
ND.	NAME	P/N	MATERIAL DESCRIPTION			D/TY	UNIT

A	INITIAL RELEASE			20/03/16	
REV	DESCRIPTION OF CHANGE			DATE	
TOLERANCE		INCHES MM			
.X	.015	.030			
.XX	.010	.010			
.XXX	.005	.005			
DRAWN BY	TONY CHAN	SCALE	NONE	REV	A
		UNIT	MM		
CHECK BY		SHEET	1/1	CUSTOMER:	
		DATE	22/03/16	DWG No.:AQ1617	
CUSTOMER P/N:		P/N:AQ-1-MS371E10500			