



ZIPPY TECHNOLOGY CORP.

POWER DIVISION

HARNESS CONNECTOR TABLE

DWG NO.	Harness Code	Drawing	DWG NO.	Harness Code	Drawing	DWG NO.	Harness Code	Drawing
A1	24P (EPS12V)	<p>ORANGE (+3.3V) 1 ORANGE (+3.3V) 2 BLACK (GND) 3 RED (+5V) 4 BLACK (GND) 5 RED (+5V) 6 BLACK (GND) 7 GREY (POK) 8 PURPLE (+5VSB) 9 YELLOW (+12V) 10 YELLOW (+12V) 11 ORANGE (+3.3V) 12 13 ORANGE (+3.3V) 14 BLUE (-12V) 15 BLACK (GND) 16 GREEN (PS-ON) 17 BLACK (GND) 18 BLACK (GND) 19 BLACK (GND) 20 WHITE (-5V) 21 RED (+5V) 22 RED (+5V) 23 RED (+5V) 24 BLACK (GND)</p>	A6	8P (EPS12V)	<p>BLACK (GND) 1 BLACK (GND) 2 BLACK (GND) 3 BLACK (GND) 4 5 YELLOW (+12V) 6 YELLOW (+12V) 7 YELLOW (+12V) 8 YELLOW (+12V)</p>	A11	6P (ATX6W)	<p>ORANGE (+3.3V) 1 ORANGE (+3.3V) 2 YELLOW (+12V) 3 4 BLACK (GND) 5 BLACK (GND) 6 YELLOW (+12V)</p>
A2	24P (20P+4P) (Standard Type)	<p>BLACK (GND) 24 RED (+5V) 23 RED (+5V) 22 RED (+5V) 21 WHITE (-5V) 20 BLACK (GND) 19 BLACK (GND) 18 BLACK (GND) 17 GREEN (PS-ON) 16 BLACK (GND) 15 BLUE (-12V) 14 ORANGE (+3.3V) 13 12 ORANGE (+3.3V) 11 YELLOW (+12V) 10 YELLOW (+12V) 9 PURPLE (+5VSB) 8 GREY (POK) 7 BLACK (GND) 6 RED (+5V) 5 BLACK (GND) 4 RED (+5V) 3 BLACK (GND) 2 ORANGE (+3.3V) 1 ORANGE (+3.3V)</p>	A7	8P (4P+4P) (Patent Type)	<p>YELLOW (+12V) 8 YELLOW (+12V) 7 YELLOW (+12V) 6 YELLOW (+12V) 5 4 BLACK (GND) 3 BLACK (GND) 2 BLACK (GND) 1 BLACK (GND)</p>	A12	6P (ATX6C)	<p>BLACK (GND) 1 BLACK (GND) 2 RED (+5V) 3 4 YELLOW (+12V) 5 YELLOW (+12V) 6 ORANGE (+3.3V)</p>
A3	24P (20P+4P) (EPS12V) (Patent Type)	<p>BLACK (GND) 24 RED (+5V) 23 RED (+5V) 22 RED (+5V) 21 WHITE (-5V) 20 BLACK (GND) 19 BLACK (GND) 18 BLACK (GND) 17 GREEN (PS-ON) 16 BLACK (GND) 15 BLUE (-12V) 14 ORANGE (+3.3V) 13 12 ORANGE (+3.3V) 11 YELLOW (+12V) 10 YELLOW (+12V) 9 PURPLE (+5VSB) 8 GREY (POK) 7 BLACK (GND) 6 RED (+5V) 5 BLACK (GND) 4 RED (+5V) 3 BLACK (GND) 2 ORANGE (+3.3V) 1 ORANGE (+3.3V)</p>	A8	8P (8I) (for PCI-Express)	<p>YELLOW (+12 VDC) 1 YELLOW (+12 VDC) 2 YELLOW (+12 VDC) 3 BLACK (GND) 4 5 BLACK (GND) 6 BLACK (GND) 7 BLACK (GND) 8 BLACK (GND)</p>	A13	4P (ATX12V, for P4)	<p>BLACK (GND) 1 BLACK (GND) 2 3 YELLOW (+12V) 4 YELLOW (+12V)</p>
A4	20P (ATX12V)	<p>ORANGE (+3.3V) 1 ORANGE (+3.3V) 2 BLACK (GND) 3 RED (+5V) 4 BLACK (GND) 5 RED (+5V) 6 BLACK (GND) 7 GREY (POK) 8 PURPLE (+5VSB) 9 YELLOW (+12V) 10 11 ORANGE (+3.3V) 12 BLUE (-12V) 13 BLACK (GND) 14 GREEN (PS-ON) 15 BLACK (GND) 16 BLACK (GND) 17 BLACK (GND) 18 WHITE (-5V) 19 RED (+5V) 20 RED (+5V)</p>	A9	8I (6P+2P) (for PCI-Express)	<p>BLACK (GND) 8 BLACK (GND) 7 BLACK (GND) 6 BLACK (GND) 5 4 BLACK (GND) 3 YELLOW (+12 VDC) 2 YELLOW (+12 VDC) 1 YELLOW (+12 VDC)</p>	A14	4P (ATX4A)	<p>YELLOW (+12V) 1 ORANGE (+3.3V) 2 3 RED (+5V) 4 BLACK (GND)</p>
A5	20P Supermicro X8DTT	<p>BLACK (GND) 1 BLACK (GND) 2 BLACK (GND) 3 BLACK (GND) 4 BLACK (GND) 5 N/C 6 YELLOW (+12 VDC) 7 YELLOW (+12 VDC) 8 YELLOW (+12 VDC) 9 YELLOW (+12 VDC) 10 11 GREEN (PS-ON) 12 PURPLE (-5 VSB) 13 BLACK (GND) 14 BLACK (GND) 15 BLACK (GND) 16 N/C 17 YELLOW (+12 VDC) 18 YELLOW (+12 VDC) 19 YELLOW (+12 VDC) 20 YELLOW (+12 VDC)</p>	A10	6P (6I) (for PCI-Express)	<p>YELLOW (+12V) 1 YELLOW (+12V) 2 YELLOW (+12V) 3 4 BLACK (GND) 5 BLACK (GND) 6 BLACK (GND)</p>	A15	6P (P14/ATX6P)	<p>RED (+5V) ORANGE (+3.3V) ORANGE (+3.3V) BLACK (GND) BLACK (GND) BLACK (GND)</p>

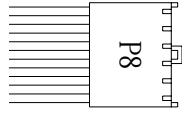
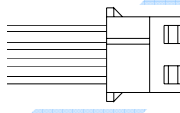
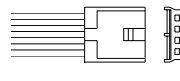
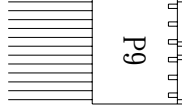
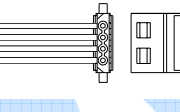
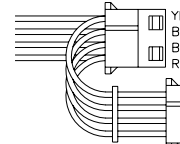
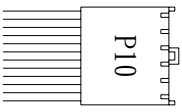
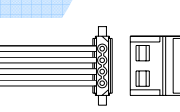
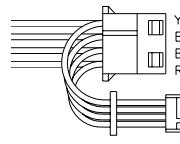
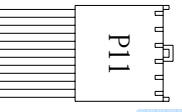
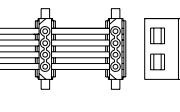
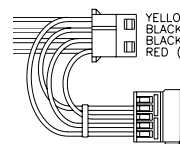
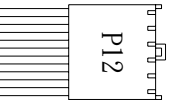
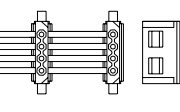
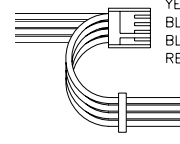




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DWG NO.	Harness Code	Drawing	DWG NO.	Harness Code	Drawing	DWG NO.	Harness Code	Drawing
A16	6P (P8/for AT)	 BLACK (GND) BLACK (GND) BLUE (-12V) YELLOW (+12V) RED (+5V) ORANGE (P.G.)	A21	Large 4P (HD/CD-ROM/RW)	 YELLOW (+12V) BLACK (GND) BLACK (GND) RED (+5V)	A26	Small 4P (Floppy Disk)	 RED (+5V) BLACK (GND) BLACK (GND) YELLOW (+12V)
A17	6P (P9/for AT)	 RED (+5V) RED (+5V) RED (+5V) WHITE (-5V) BLACK (GND) BLACK (GND)	A22	Large 4P IDT From Right or Upright Side (HD/CD-ROM/RW)	 RED (+5V) BLACK (GND) BLACK (GND) YELLOW (+12V)	A27	Large 4P L+L (HD/CD-ROM/RW)	 YELLOW (+12V) BLACK (GND) BLACK (GND) RED (+5V) YELLOW (+12V) BLACK (GND) RED (+5V)
A18	6P (P10/for AT)	 BLACK (GND) BLACK (GND) BLACK (GND) RED (+5V) RED (+5V) RED (+5V)	A23	Large 4P IDT From Left or Opposite Side (HD/CD-ROM/RW)	 YELLOW (+12V) BLACK (GND) BLACK (GND) RED (+5V)	A28	Large 4P L+S (HD/CD-ROM/RW) (Floppy Disk)	 YELLOW (+12V) BLACK (GND) BLACK (GND) RED (+5V) YELLOW (+12V) BLACK (GND) RED (+5V)
A19	6P (P11/for AT)	 BROWN (+3.3V) BROWN (+3.3V) BROWN (+3.3V) BLACK (GND) BLACK (GND) BLACK (GND)	A24	Large 4P L4P(IDT)x2 IDT from upright side	 RED (+5V) BLACK (GND) BLACK (GND) YELLOW (+12V)	A29	Large 4P L4P+SATA (HD/CD-ROM/RW) (SERIAL ATA HD)	 YELLOW (+12V) BLACK (GND) BLACK (GND) RED (+5V) 1-3 N/C 4-6 BLACK (GND) 7-9 RED (+5 VDC) 10-12 BLACK (GND) 13-15 YELLOW (+12 VDC)
A20	6P (P12/for AT)	 BLACK (GND) BLACK (GND) BLACK (GND) BROWN (+3.3V) BROWN (+3.3V) BROWN (+3.3V)	A25	Large 4P L4P(IDT)x2 IDT from opposite side	 YELLOW (+12V) BLACK (GND) BLACK (GND) RED (+5V)	A30	Small 4P S+S (Floppy Disk)	 YELLOW (+12V) BLACK (GND) BLACK (GND) RED (+5V) YELLOW (+12V) BLACK (GND) BLACK (GND) RED (+5V)





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DWG NO.	Harness Code	Drawing	DWG NO.	Harness Code	Drawing	DWG NO.	Harness Code	Drawing
A31	Large 4P L+L+L (HD/CD-ROM/RW)		A36	15P (Serial ATA HD)		A41	15P SATA + SATA(IDT) IDT from opposite side	
A32	Large 4P L+L+S (HD/CD-ROM/RW) (Floppy Disk)		A37	15P SATA(IDT) IDT from upright side		A42	15P SATA + SATA(IDT) IDT from upright side	
A33	Small 4P S+S+S (Floppy Disk)		A38	15P SATA(IDT) IDT from opposite side		A43	15P SATA+SATA	
A34	Large 4P L+L+L+L (HD/CD-ROM/RW)		A39	15P SATA(IDT)x2 IDT from upright side		A44	15P SATA+ L4P (SERIAL ATA HD) (HD/CD-ROM/RW)	
A35	Large 4P L+L+L+S (HD/CD-ROM/RW) (Floppy Disk)		A40	15P SATA(IDT)x2 IDT from opposite side		A45	15P SATA+SATA+SATA	





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DWG NO.	Harness Code	Drawing	DWG NO.	Harness Code	Drawing
A46	15P SATA+SATA+L4P (SERIAL ATA HD) (HD/CD-ROM/RW)	<p>1-3 ORANGE (+3.3 VDC) 4-6 BLACK (GND) 7-9 RED (+5 VDC) 10-12 BLACK (GND) 13-15 YELLOW (+12 VDC)</p> <p>1-3 ORANGE (+3.3 VDC) 4-6 BLACK (GND) 7-9 RED (+5 VDC) 10-12 BLACK (GND) 13-15 YELLOW (+12 VDC)</p> <p>RED (+5V) BLACK (GND) BLACK (GND) YELLOW (+12 VDC)</p>	A51	15P SATA W/Latch(IDT) IDT from opposite side	<p>1~3 ORANGE (+3.3 VDC) 4~6 BLACK (GND) 7~9 RED (+5 VDC) 10~12 BLACK (GND) 13~15 YELLOW (+12 VDC)</p>
A47	15P SATA+SATA+S4P (SERIAL ATA HD) (Floppy Disk)	<p>1-3 ORANGE (+3.3 VDC) 4-6 BLACK (GND) 7-9 RED (+5 VDC) 10-12 BLACK (GND) 13-15 YELLOW (+12 VDC)</p> <p>1-3 ORANGE (+3.3 VDC) 4-6 BLACK (GND) 7-9 RED (+5 VDC) 10-12 BLACK (GND) 13-15 YELLOW (+12 VDC)</p> <p>RED (+5V) BLACK (GND) BLACK (GND) YELLOW (+12V)</p>	A01	24P (EPS12V, NO -5V)	<p>ORANGE (+3.3V) 1 ORANGE (+3.3V) 2 BLACK (GND) 3 RED (+5V) 4 BLACK (GND) 5 BLACK (GND) 6 BLACK (GND) 7 GREY (POK) 8 PURPLE (+5VSB) 9 YELLOW (+12V) 10 YELLOW (+12V) 11 ORANGE (+3.3V) 12</p> <p>13 ORANGE (+3.3V) 14 BLUE (-12V) 15 BLACK (GND) 16 GREEN (PS-ON) 17 BLACK (GND) 18 BLACK (GND) 19 BLACK (GND) 20 N/A 21 RED (+5V) 22 RED (+5V) 23 RED (+5V) 24 BLACK (GND)</p>
A48	15P SATA W/Latch	<p>13-15 YELLOW (+12 VDC) 10-12 BLACK (GND) 7-9 RED (+5 VDC) 4-6 BLACK (GND) 1-3 ORANGE (+3.3 VDC)</p>	A02	24P (20P+4P) (EPS12V, NO -5V) (Standard Type)	<p>BLACK (GND) 24 RED (+5V) 23 RED (+5V) 22 RED (+5V) 21 N/A 20 BLACK (GND) 19 BLACK (GND) 18 BLACK (GND) 17 GREEN (PS-ON) 16 BLACK (GND) 15 ORANGE (+3.3V) 13</p> <p>12 ORANGE (+3.3V) 11 YELLOW (+12V) 10 YELLOW (+12V) 9 PURPLE (+5VSB) 8 GREY (POK) 7 BLACK (GND) 6 RED (+5V) 5 BLACK (GND) 4 RED (+5V) 3 BLACK (GND) 2 ORANGE (+3.3V) 1 ORANGE (+3.3V)</p>
A49	15P SATA +SATA W/Latch	<p>13-15 YELLOW (+12 VDC) 10-12 BLACK (GND) 7-9 RED (+5 VDC) 4-6 BLACK (GND) 1-3 ORANGE (+3.3 VDC)</p> <p>13-15 YELLOW (+12 VDC) 10-12 BLACK (GND) 7-9 RED (+5 VDC) 4-6 BLACK (GND) 1-3 ORANGE (+3.3 VDC)</p>	A03	24P (20P+4P) (EPS12V, NO -5V) (Patent Type)	<p>BLACK (GND) 24 RED (+5V) 23 RED (+5V) 22 RED (+5V) 21 N/A 20 BLACK (GND) 19 BLACK (GND) 18 BLACK (GND) 17 GREEN (PS-ON) 16 BLACK (GND) 15 BLUE (-12V) 14 ORANGE (+3.3V) 13</p> <p>12 ORANGE (+3.3V) 11 YELLOW (+12V) 10 YELLOW (+12V) 9 PURPLE (+5VSB) 8 GREY (POK) 7 BLACK (GND) 6 RED (+5V) 5 BLACK (GND) 4 RED (+5V) 3 BLACK (GND) 2 ORANGE (+3.3V) 1 ORANGE (+3.3V)</p>
A50	15P SATA W/Latch(IDT) IDT from upright side	<p>13~15 YELLOW (+12 VDC) 10~12 BLACK (GND) 7~9 RED (+5 VDC) 4~6 BLACK (GND) 1~3 ORANGE (+3.3 VDC)</p>	A04	20P (ATX12V, NO -5V)	<p>ORANGE (+3.3V) 1 ORANGE (+3.3V) 2 BLACK (GND) 3 RED (+5V) 4 BLACK (GND) 5 RED (+5V) 6 BLACK (GND) 7 GREY (POK) 8 PURPLE (+5VSB) 9 YELLOW (+12V) 10</p> <p>11 ORANGE (+3.3V) 12 BLUE (-12V) 13 BLACK (GND) 14 GREEN (PS-ON) 15 BLACK (GND) 16 BLACK (GND) 17 BLACK (GND) 18 N/A 19 RED (+5V) 20 RED (+5V)</p>

- Notes:**
- a) A1,A4~A6,A11~A14,A01,A04 Connector: MOLEX 5557 Series or EQUIV.
 - b) A2,A02 Connector: DST CH4201-220M/2 + CH4201-204M/2 or EQUIV.
 - c) A3,A03 Connector: WST P24-I42002K2 or EQUIV.
 - d) A7 Connector: WST P8-I42002K3 or EQUIV.
 - e) A8 Connector: WST P8-I42002K12A-B or EQUIV
 - f) A9 Connector: WST P8-I42002K13-RE or EQUIV.
 - g) A10 Connector: MOLEX 455590002 or EQUIV.
 - h) A15~A20 Connector: MOLEX 90331-4004 or EQUIV.
 - i) A21,A27,A31,A34 Connector: AMP 1-480424-0 or EQUIV.
 - j) A22~A25 Connector: MOLEX 70156 Series or EQUIV.
Cover: MOLEX 15-24-3006/3007 or EQUIV.
 - k) A26,A30,A33 Connector: AMP 171822-4 or EQUIV.
 - l) A36,A43,A45 Connector: MOLEX 675820000 or EQUIV.
 - m) A37~A40 Connector: MOLEX 67926-0011 or EQUIV.
Cover: MOLEX 67926-0040/41 or EQUIV.
 - n) A48,A49 Connector: CIVILUX CI94PF0010L
 - o) A50~A51 Connector: MOLEX 67926-0021
Cover: MOLEX 67926-0040 or EQUIV.
 - p) A28,A32,A35 Connector: AMP 1-480424-0 + AMP 171822-4 or EQUIV.
 - q) A44,A46,A29 Connector: MOLEX 675820000 + AMP 1-480424-0 or EQUIV.
 - r) A47 Connector: MOLEX 675820000 + AMP 171822-4 or EQUIV.
 - s) A41,A42 Connector: MOLEX 675820000 + MOLEX 67926-0011 or EQUIV.





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DWG NO.	Harness Code	Drawing	DWG NO.	Harness Code	Drawing	DWG NO.	Harness Code	Drawing
B1	2P TTL Signal	<p>2.54mm Housing TKP H2510-02</p> <p>BLACK RED</p>	B6	Remote ON/OFF	<p>2.5mm Housing TKP H7755R-02</p> <p>2 GREEN 1 BLACK</p> <p>2.5mm Housing TKP H7755P1-02</p> <p>1 N/A 2 BLACK</p>			
B2	2P LED Signal	<p>2.54mm Housing TKP H2510-02</p> <p>BLACK BLUE</p>	B7	ON/OFF Switch	<p>WHITE BLACK</p> <p>Quick-Connect Terminal T187 (4.8 X 0.8)</p>			
B3	3P LED Signal	<p>2.54mm Housing TKP H2510-03</p> <p>RED BLACK GREEN</p>	B8	Others				
B4	2P Buzzer Reset	<p>3.68mm Housing TKP H7625P1-02</p> <p>BLACK YELLOW</p>						
B5	I2C PMBus PSMI	<p>2.54mm Housing TKP H553M-05</p> <p>1 PURPLE (SERIAL CLOCK) 2 WHITE (SERIAL DATA) 3 N/A 4 BLACK (GND) 5 N/A</p>						





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DWG No.	Drawing	Connector Type	DWG No.	Drawing	Connector Type	DWG No.	Drawing	Connector Type
C1		1.25mm (2-15P) H125	C11		2.54mm (4-80P) BH2	C21		3.96mm (2-25P) H8396
C2		1.25mm (2-30P) H125M2	C12		2.54mm (2-20P) H2510	C22		3.96mm (2-24P) H839618
C3		1.5mm (2-13P) H15J1	C13		2.54mm (2-20P) H2510A	C23		3.96mm (2-15P) HVH
C4		2.00mm (2-40P) FH1	C14		2.54mm (2-20P) H2510B	C24		3.68mm (1,2,3,4,5,6,9,12,15P) H7625R1(5005)
C5		2.00mm (2-16P) H110	C15		2.54mm (2-20P) H2510F	C25		3.68mm (1,2,3,4,5,6,9,12,15P) H7625P1(5006)
C6		2.50mm (2-20P) 8821	C16		2.54mm (2-25P) H553M	C26		4.80mm (2-12P) H7755P1
C7		2.50mm (2-20P) 8821P	C17		2.54mm (2-25P) H553MF	C27		4.80mm (2-12P) H7755R
C8		2.50mm (2-20P) 2564	C18		2.54mm (2-25P) H553P1	C28		4.80mm (2,3,4,6,9,12,15P) H7725P
C9		2.54mm (1-40P) BH1 杜邦頭	C19		2.50mm (2-12P) 2540	C29		2.0mm (10,12,14,16,18,20P) H20J1
C10		2.54mm (1-40P) BH1+BHT-R	C20		3.96mm (2-25P) H8800	C30	Others	

*All are related to TKP models, Please specify any other manufacture's model if necessary.



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HARNESS CONNECTOR TABLE

客戶名稱：_____ 機種：_____ 需求日期：_____

Name of Customer

Model of Unit

Date of Delivery

圖示項次 DWG NO.	數量 Qty	外 露 長 度 Length of Extension	備 註 Remarks	圖示項次 DWG NO.	數量 Qty	外 露 長 度 Length of Extension	備 註 Remarks

Description :