

1. Cable:


CONDUCTOR: 28AWG SOLID SILVER PLATED COPPER.  
 INSULATION: FOAM POLYOLEFIN.  
 PAIR: 2 SINGLES LAID FLAT AND PARALLEL.  
 CORE: 8 PAIRS  
 PAIR DRAIN WIRE: 30AWG SOLID TIN PLATED COPPER.  
 PAIR SHIELD: ALUMINUM/POLYESTER TAPE. ALUMINUM SIDE FACING IN, 25% OVERLAP.  
 INNER SHIELD: ALUMINUM/POLYESTER TAPE, ALUMINUM SIDE PACING OUT, 25% OVERLAP.  
 OUTER SHIELD: 38AWG TIN PLATED COPPER BRAID, 85% COVERAGE.  
 DIAMETER: 7.49mm  
 PRINT LEGEND: "MADISON CABLE (UL) TYPE CL2 75°C 28AWG CSA AWM II  
 A/B 75°C 30V FT4 TurboTwin™14G 102-0377 RoHS COMPLIANT"  
 DIFFERENTIAL IMPEDANCE: 100±5 OHMS @TDR  
 UL LISTING: TYPE CL2 AS SPECIFIED IN ARTICLE 725 OF THE NATIONAL ELECTRICAL CODE.

2. Connector:

P1,P2: 4x-Pluggable-QSFP(SFF-8436)  
 (1) P.C.B: 4 LAYERS, GOLD PLATING ON CONTACT PADS.(SPCB-040112A, AC Coupling)  
 (2) Latch: Stainless Steel with Pull Tab.  
 (3) Backshell: Zinc Die Casting Hood/ Nickel Plating.

3. For FDR 14G USE.

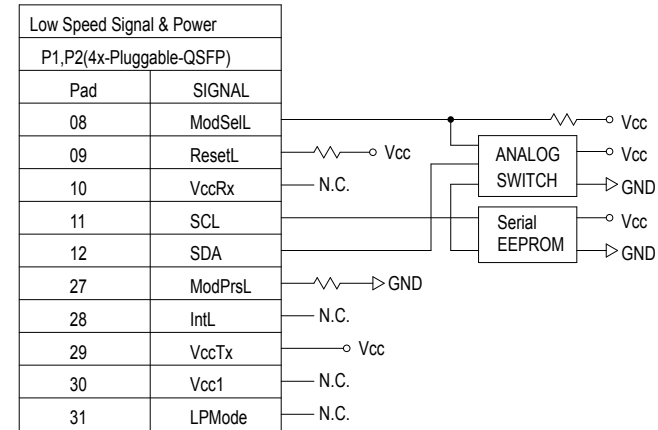
4. Two-Wire Serial Memory: Atmel AT24C02B EEPROM(256 Bytes), Digital monitoring & control function and memory page not supported.

△					Data	2012.05.23	Part No.	CAB-QSFP-FM28G-3	 <b>ACE PLUS CORP.</b>
△					Design				
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Revision	Data	Content	Confirm	Design	Confirm		Customer P/N		DWG.No. CAB-QSFP-FM28G-3    Version 1.0

## WIRING DIAGRAM

HIGH SPEED SIGNAL			
P1(4x-Pluggable-QSFP)		P2(4x-Pluggable-QSFP)	
PAD	SIGNAL	PAD	SIGNAL
02	TX2n	21	RX2n
03	TX2p	22	RX2p
05	TX4n	24	RX4n
06	TX4p	25	RX4p
14	RX3p	33	TX3p
15	RX3n	34	TX3n
17	RX1p	36	TX1p
18	RX1n	37	TX1n
21	RX2n	02	TX2n
22	RX2p	03	TX2p
24	RX4n	05	TX4n
25	RX4p	06	TX4p
33	TX3p	14	RX3p
34	TX3n	15	RX3n
36	TX1p	17	RX1p
37	TX1n	18	RX1n
GND GROUP	GND	GND GROUP	GND
GND GROUP 01,04,07,13,16,19 20,23,26,32,35,38		GND GROUP 01,04,07,13,16,19 20,23,26,32,35,38	
Connector Shell		Connector Shell	

\*DC BLOCKING CAPS ON P1,P2 RX END.



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