



**Cable Assembly used on the 102-0379 and 102-0381 BOMs**

**25-pin parallel connector**

D Sub Connector Plug: Mouser 156-1225  
D Sub Connector Hood: Mouser 156-2025

**14-pin connector**

14 Pin Connector: Digkey CSC14GND

Parallel Connector Pin #	DSA Pin Name	14-pin Connector Pin #
2	D0	1
3	D1	3
4	D2	5
5	D3	7
6	D4	9
7	D5	11
8	D6	13
19-25	GND	Even Pins

Cable is 1-meter long  
Ribbon Cable, 14 Conductor: Mouser 517-3302-14

- NOTES:**
- USE 101-0310-04 PCB.
  - CAUTION: CONTAINS PARTS AND ASSEMBLIES SUSCEPTIBLE TO DAMAGE BY ELECTROSTATIC DISCHARGE (ESD)

UNLESS OTHERWISE SPECIFIED DIMENSIONS AND TOLERANCES ARE IN INCHES AND APPLY TO THE FINISHED PART TOLERANCES ARE: FRACTIONS: DECIMALS: .xxx ± .005 .xxx ± .01		CONTRACT NO.		PEREGRINE SEMICONDUCTOR 9380 Carroll Park Drive San Diego, CA 92121	
DO NOT SCALE DRAWING		DRAWN: Jeff Lundy		DATE: 8-4-08	
MATERIAL:		ENGINEER: Shawn Bawell		DATE: 8-4-08	
FINISH:		CHECKED:		DATE:	
SIMILAR TO:		APPROVED:		DATE:	
MARKING SYMBOL:		ISSUED:		DATE:	
		SCALE: NONE		DATE:	
		SIZE: B		CAGE CODE: xxxxxx	
		DWG NO: 102-0379		REV: 05	
		Sheet 1 of 1			

Item	Qty	Reference	Value	Description	Manufacturer	Manufacturer Part Number	Distributor	Distributor Part Number	Data Sheet	Notes
1	1	C1	CC0402	PAN SMD Capacitor, Ceramic, 100pF, 50V, NP0, ±5%, 0402 DNI	Panasonic - ECG	ECJ-1VC1H101J	Digi-Key	PCC101CQTR-ND		DNI C1 THRU C7
2	1	C2	CC0402	PAN SMD Capacitor, Ceramic, 100pF, 50V, NP0, ±5%, 0402 DNI	Panasonic - ECG	ECJ-1VC1H101J	Digi-Key	PCC101CQTR-ND		DNI C1 THRU C7
3	1	C3	CC0402	PAN SMD Capacitor, Ceramic, 100pF, 50V, NP0, ±5%, 0402 DNI	Panasonic - ECG	ECJ-1VC1H101J	Digi-Key	PCC101CQTR-ND		DNI C1 THRU C7
4	1	C4	CC0402	PAN SMD Capacitor, Ceramic, 100pF, 50V, NP0, ±5%, 0402 DNI	Panasonic - ECG	ECJ-1VC1H101J	Digi-Key	PCC101CQTR-ND		DNI C1 THRU C7
5	1	C5	CC0402	PAN SMD Capacitor, Ceramic, 100pF, 50V, NP0, ±5%, 0402 DNI	Panasonic - ECG	ECJ-1VC1H101J	Digi-Key	PCC101CQTR-ND		DNI C1 THRU C7
6	1	C6	CC0402	PAN SMD Capacitor, Ceramic, 100pF, 50V, NP0, ±5%, 0402 DNI	Panasonic - ECG	ECJ-1VC1H101J	Digi-Key	PCC101CQTR-ND		DNI C1 THRU C7
7	1	C7	CC0402	PAN SMD Capacitor, Ceramic, 100pF, 50V, NP0, ±5%, 0402 DNI	Panasonic - ECG	ECJ-1VC1H101J	Digi-Key	PCC101CQTR-ND		DNI C1 THRU C7
8	1	C8	CC0402	PAN SMD Capacitor, Ceramic, 100pF, 50V, NP0, ±5%, 0402	Panasonic - ECG	ECJ-1VC1H101J	Digi-Key	PCC101CQTR-ND		
9	1	C9	CC0603	PAN SMD Capacitor, Ceramic, 0.1µF, 50V, X7R, ±10%, 0603	Panasonic - ECG	ECJ-1VB1H104	Digi-Key	PCC2398TR-ND		
10	1	C10	CC0603	PAN SMD Capacitor, Ceramic, 100pF, 50V, NP0, ±5%, 0603	Panasonic - ECG	ECJ-1VC1H101J	Digi-Key	PCC101ACVTR-ND		
11	1	C13	CC0402	PAN SMD Capacitor, Ceramic, 100pF, 50V, NP0, ±5%, 0402	Panasonic - ECG	ECJ-1VC1H101J	Digi-Key	PCC101CQTR-ND		
12	1	C14	CC0402	PAN SMD Capacitor, Ceramic, 100pF, 50V, NP0, ±5%, 0402	Panasonic - ECG	ECJ-1VC1H101J	Digi-Key	PCC101CQTR-ND		
13	1	D0	SW_SS14MDP2	NKK Switches, SP3T, Slide Switch RD STR PCB, RoHS	NKK Switches	SS14MDP2				
14	1	D1	SW_SS14MDP2	NKK Switches, SP3T, Slide Switch RD STR PCB, RoHS	NKK Switches	SS14MDP2				
15	1	D2	SW_SS14MDP2	NKK Switches, SP3T, Slide Switch RD STR PCB, RoHS	NKK Switches	SS14MDP2				
16	1	D3	SW_SS14MDP2	NKK Switches, SP3T, Slide Switch RD STR PCB, RoHS	NKK Switches	SS14MDP2				
17	1	D4	SW_SS14MDP2	NKK Switches, SP3T, Slide Switch RD STR PCB, RoHS	NKK Switches	SS14MDP2				
18	1	D5	SW_SS14MDP2	NKK Switches, SP3T, Slide Switch RD STR PCB, RoHS	NKK Switches	SS14MDP2				
19	1	D6	SW_SS14MDP2	NKK Switches, SP3T, Slide Switch RD STR PCB, RoHS	NKK Switches	SS14MDP2				
20	1	J1	HEADER_7X2	CONN HEADER .100 DUAL STR 72POS	Sullins Electronics Corp.	PZC36DABN	Digi-Key	S2021-36-ND		Cut to 14 Pin Header .100
21	1	J3	SIP-2P	CONN HEADER .100 SINGLE STR 36POS	Sullins Electronics Corp.	PZC36SAAN	Digi-Key	S1011-36-ND		Cut to 2 Pin Header .100
22	1	J4	SMACON3PSS	SMA 500 END LAUNCH JACK RECEPTACLE-ROUND CONTACT	Johnson Components Inc.	142-0701-801	Digi-Key	J502-ND		
23	1	J5	SMACON3PSS	SMA 500 END LAUNCH JACK RECEPTACLE-ROUND CONTACT	Johnson Components Inc.	142-0701-801	Digi-Key	J502-ND		
24	1	J6	SMACON3PSS	SMA 500 END LAUNCH JACK RECEPTACLE-ROUND CONTACT	Johnson Components Inc.	142-0701-801	Digi-Key	J502-ND		
25	1	J7	SMACON3PSS	SMA 500 END LAUNCH JACK RECEPTACLE-ROUND CONTACT	Johnson Components Inc.	142-0701-801	Digi-Key	J502-ND		
26	1	P/S	SW_GW12LCP-RO	NKK Switches, SPDT, Rocker Switch RD STR PCB, RoHS	NKK Switches	GW12LCP-RO	Digi-Key	GW12LCP-RO-ND		
27	1	SERIAL	HEADER_4P_PLL		Molex/Waldom Electronics Corp					
28	1	U1	DSA4x4MLP24	PE43XOX DSA 50 OHMS 4X4 MLP24						
29										
30	1	cable assy		D-Sub Connector Plug	Kobiconn	156-1225	Mouser	156-1225	<a href="http://www.mouser.com">www.mouser.com</a>	
31	1	cable assy		D-Sub Connector Plastic Hood	Kobiconn	156-2025	Mouser	156-2025	<a href="http://www.mouser.com">www.mouser.com</a>	
32	1	cable assy		Connector Socket for PCB, 14 pin	CW Industries	CWR-220-14-0000	Digikey	CSC14G-ND	<a href="http://www.digikey.com">www.digikey.com</a>	
33	1	cable assy		Ribbon Cable, 14 Conductor, IDC Flat, 28 AWG Color Stranded	3-M	517-3302-14	Mouser	3302-14	<a href="http://www.mouser.com">www.mouser.com</a>	