

1) SMPS to UcD2k High voltage

SMPS > UcD2k
 J1-1 > J5 GND
 J1-2 > n.c.
 J1-3 > J4 Vcc
 J1-4 > J6 Vee
 J1-5 > J12 VDR
 J1-6 > J6 (connect to J3-4)
 (SMPS J1 could be J2 or J3 as well)



2) SMPS to DSP2W auxiliary supply voltage

Straight 7-pole JST EHR cable
 SMPS > DSP2W
 J4 > J18



3) DSP2W to UcD signal cable

Straight 10pole ribbon cable
 DSP2W > UcD2k
 JP2 > J10



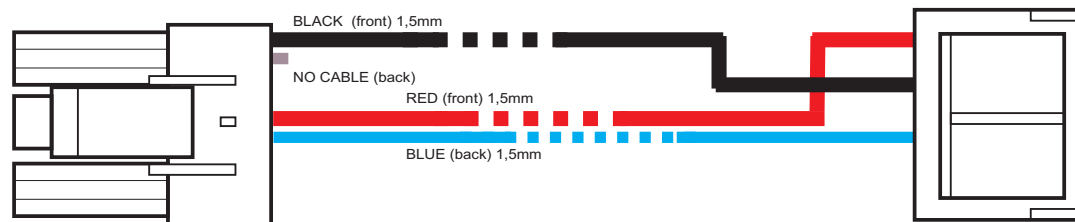
4) SMPS to DSP2W control cable

Straight 10pole ribbon cable
 DSP2W > SMPS
 JP3 > J13



5) SMPS to DSP2W High voltage reference (optional)

SMPS > DSP2W
 J2-1 > J5-2 GND
 J2-2 > n.c.
 J2-3 > J5-1 Vcc
 J2-4 > J5-3 VEE
 (SMPS J2 could be J1 or J3 as well)



Note 1) Jumpers

UcD2k > Jumpers in bypass mode
 DSP2W > Jumpers placed (see software wizzard)

SMPS J1 & 2 & 3 = JST VLP-06V
 Crimppin = JST SVF-81T-P2,0
 SMPS J4 = JST EHR-7
 DSP2W J18 = JST EHR-7
 Crimppin = JST SEH-001T

DSP2W JP 1 & 2 & 3 = Molex 90635-1102
 SMPS J13 & 14 & 15 = Molex 90635-1102
 UcD J10 = Molex 90635-1102
 DSP2W J5 = JST VHR-4N
 Crimppin = JST SVH-41T