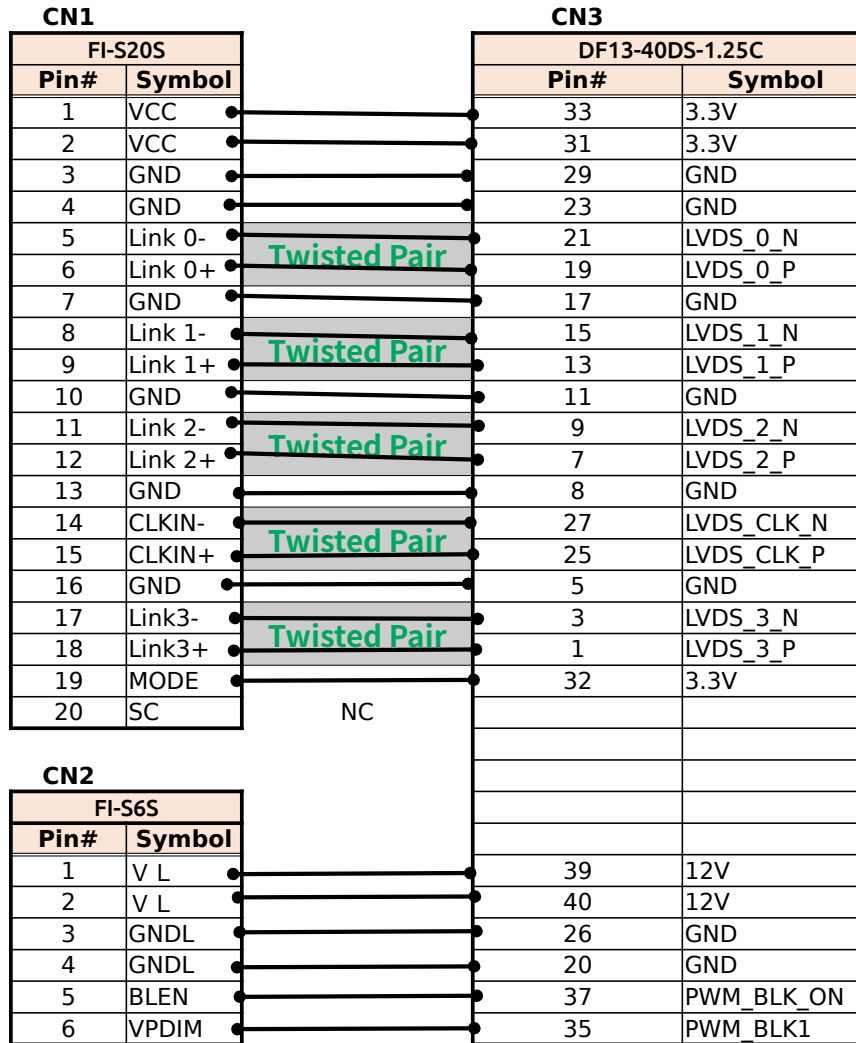


Toradex – Mitsubishi LVDS Cable



Parts list		
Ref	Maker	Maker parts name
CN1	JAE	FI-S20S
CN2	JAE	FI-S6S
CN3	Hirose	DF13-40DS-1.25C

Pinout		
CN1	FI-S20S	DF13-40DS-1.25C
	1	33
	2	31
	3	29
	4	23
	5	21
	6	19
	7	17
	8	15
	9	13
	10	11
	11	9
	12	7
	13	8
	14	27
	15	25
	16	5
	17	3
	18	1
	19	32
	20	NC

3.3V
3.3V
GND
GND
LVDS_0_N
LVDS_0_P
GND
LVDS_1_N
LVDS_1_P
GND
LVDS_2_N
LVDS_2_P
GND
LVDS_CLK_N
LVDS_CLK_P
GND
LVDS_3_N
LVDS_3_P
3.3V
NC

CN2	FI-S6S	DF13-40DS-1.25C
	1	39
	2	40
	3	26
	4	20
	5	37
	6	35

12V
12V
GND
GND
PWM_BLK_ON
PWM_BLK1

Pinout details	
Cable length	300mm (Without conn.)
Connector	AWG#28
Plating	Gold Plating
Important points	

The cable CN1-CN3, every LVDS connection needs a twisted pair. Also the cable should be shielded