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|-------------|--|-------------|
| Part number | LVDS-FI-X30HL-SHDR-40VS-400-CMD | |
| Type | customer LVDS cable | |
| Description | LVDS cable for G240HW01 V1 and CAPA500 board, CON1 = FI-X30HL, CON2= SHDR-40VS, Length= 400 mm | |
| Length | Connector 1 | Connector 2 |
| 400 mm | FI-X30HL or analog | SHDR-40VS |

| Connector 1 FI-X30HL | | length = 400 mm | Connector 2 SHDR-40VS | |
|-------------------------|-------|-----------------|--------------------------|-------|
| 1 | RX00- | | 1 | Vcc |
| 2 | RX00+ | | 2 | Vcc |
| 3 | RX01- | | 3 | Vcc |
| 4 | RX01+ | | 4 | |
| 5 | RX02- | | 5 | |
| 6 | RX02+ | | 6 | |
| 7 | GND | | 7 | |
| 8 | RXOC- | | 8 | |
| 9 | RXOC+ | | 9 | GND |
| 10 | RX03- | | 10 | GND |
| 11 | RX03+ | | 11 | RXE3- |
| 12 | RXE0- | | 12 | RXE0- |
| 13 | RXE0+ | | 13 | RXE3+ |
| 14 | GND | | 14 | RXE0+ |
| 15 | RXE1- | | 15 | |
| 16 | RXE1+ | | 16 | |
| 17 | GND | | 17 | RXEC- |
| 18 | RXE2- | | 18 | RXE1- |
| 19 | RXE2+ | | 19 | RXEC+ |
| 20 | RXEC- | | 20 | RXE1+ |
| 21 | RXEC+ | | 21 | GND |
| 22 | RXE3- | | 22 | GND |
| 23 | RXE3+ | | 23 | RX00- |
| 24 | GND | | 24 | RXE2- |
| 25 | | | 25 | RX00+ |
| 26 | | | 26 | RXE2+ |
| 27 | | | 27 | |
| 28 | Vcc | | 28 | |
| 29 | Vcc | | 29 | RX01- |
| 30 | Vcc | | 30 | RX03- |
| | | | 31 | RX01+ |
| | | | 32 | RX03+ |
| | | | 33 | |
| | | 34 | | |
| | | 35 | RX02- | |
| | | 36 | RXOC- | |
| | | 37 | RX02+ | |
| | | 38 | RXOC+ | |
| | | 39 | | |
| | | 40 | | |

| TOP View connector 2 SHDR-40VS | | | |
|-----------------------------------|-------|-------|----|
| 1 | Vcc | Vcc | 2 |
| 3 | Vcc | | 4 |
| 5 | | | 6 |
| 7 | | | 8 |
| 9 | GND | GND | 10 |
| 11 | RXE3- | RXE0- | 12 |
| 13 | RXE3+ | RXE0+ | 14 |
| 15 | | | 16 |
| 17 | RXEC- | RXE1- | 18 |
| 19 | RXEC+ | RXE1+ | 20 |
| 21 | GND | GND | 22 |
| 23 | RX00- | RXE2- | 24 |
| 25 | RX00+ | RXE2+ | 26 |
| 27 | | | 28 |
| 29 | RX01- | RX03- | 30 |
| 31 | RX01+ | RX03+ | 32 |
| 33 | | | 34 |
| 35 | RX02- | RXOC- | 36 |
| 37 | RX02+ | RXOC+ | 38 |
| 39 | | | 40 |

24-bit dual channel

| Pin | Signal | Pin | Signal |
|-----|----------------|-----|----------------|
| 1 | VCCM | 2 | VCCM |
| 3 | VCCM | 4 | VCCM |
| 5 | VCCM | 6 | VCCM |
| 7 | N.C | 8 | N.C |
| 9 | GND | 10 | GND |
| 11 | Channel B D3- | 12 | Channel B D0- |
| 13 | Channel B D3+ | 14 | Channel B D0+ |
| 15 | GND | 16 | GND |
| 17 | Channel B CLK- | 18 | Channel B D1- |
| 19 | Channel B CLK+ | 20 | Channel B D1+ |
| 21 | GND | 22 | GND |
| 23 | Channel A D0- | 24 | Channel B D2- |
| 25 | Channel A D0+ | 26 | Channel B D2+ |
| 27 | GND | 28 | GND |
| 29 | Channel A D1- | 30 | Channel A D3- |
| 31 | Channel A D1+ | 32 | Channel A D3+ |
| 33 | GND | 34 | GND |
| 35 | Channel A D2- | 36 | Channel A CLK- |
| 37 | Channel A D2+ | 38 | Channel A CLK+ |
| 39 | GND | 40 | GND |

