

| GEMTxChannel  |    | GEMReadout          | #Bits | I/O |
|---------------|----|---------------------|-------|-----|
| LCLK          | => | LCLK                | 1     | In  |
| GEM_TX_WORD_x | => | GEM_TX_WORD_x       | 16    | In  |
| GEM_TX_START  | => | GEM_TX_START        | 1     | In  |
| CLK           | => | PLLCLK              | 1     | In  |
| TX_EXT_EN     | => | GEM_TX_START_EXT_EN | 1     | In  |
| HARD_TRIGGER  | => | HARD_TRIGGER        | 1     | In  |
| DATA          | => | GEM_TX_DATA         | 1     | Out |
| DATA_VALID    | => | GEM_TX_DATA_VALID   | 1     | Out |

where 'x' is for the respective TX\_WORD (0-B)

