**Note:** This register can be updated while a transfer is in progress, but the new value will not take effect until a match has been found or the transfer is done. That makes it possible to write a new set of match words which will be searched for immediately after the event triggers.

| Bit number | | | | 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 |
|---|---|---|---|---|
| ID | | | | A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A |
| **Reset 0x00000000** | | | | **0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0** |
| ID | R/W | Field | Value ID | Value | Description |
| A | RW | DATA | | | Data to look for |

## 8.19.8.42 DMA.TX.PTR

Address offset: 0x73C

RAM buffer start address

| Bit number | | | | 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 |
|---|---|---|---|---|
| ID | | | | A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A A |
| **Reset 0x20000000** | | | | **0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0** |
| ID | R/W | Field | Value ID | Value | Description |
| A | RW | PTR | | | RAM buffer start address for this EasyDMA channel. This address is a word aligned Data RAM address.<br>**Note:** See the memory chapter for details about which memories are available for EasyDMA. |

## 8.19.8.43 DMA.TX.MAXCNT

Address offset: 0x740

Maximum number of bytes in channel buffer

| Bit number | | | | 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 |
|---|---|---|---|---|
| ID | | | | A A A A A A A A A A A A A A A A |
| **Reset 0x00000000** | | | | **0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0** |
| ID | R/W | Field | Value ID | Value | Description |
| A | RW | MAXCNT | | [1..0xffff] | Maximum number of bytes in channel buffer |

## 8.19.8.44 DMA.TX.AMOUNT

Address offset: 0x744

Number of bytes transferred in the last transaction, updated after the END event.

Also updated after each MATCH event.

| Bit number | | | | 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 |
|---|---|---|---|---|
| ID | | | | A A A A A A A A A A A A A A A A |
| **Reset 0x00000000** | | | | **0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0** |
| ID | R/W | Field | Value ID | Value | Description |
| A | R | AMOUNT | | [1..0xffff] | Number of bytes transferred in the last transaction. In case of NACK error, includes the NACK'ed byte. |