

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|-----|--------|--------------|-------|-------------------------------|--|--|--|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 0 | 0 |
| ID | R/W | Field | Value ID | Value | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | R | STATUS | | | XOSTART task triggered or not | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | NotTriggered | 0 | Task not triggered | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Triggered | 1 | Task triggered | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

5.4.3.29 XO.STAT

Address offset: 0x40C

XO status

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|-----|-------|------------|-------|---|--|--|--|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|---|
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 0 |
| ID | R/W | Field | Value ID | Value | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | R | STATE | | | XO state (Running between START task and STOPPED event) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | NotRunning | 0 | XO is not running | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Running | 1 | XO is running | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

5.4.3.30 PLL.RUN

Address offset: 0x428

Indicates that PLLSTART task was triggered

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|-----|--------|--------------|---|--|--|--|--------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reset 0x00000000 | | | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ID | R/W | Field | Value ID | Value | | | | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | R | STATUS | | | | | | PLLSTART task triggered or not | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | NotTriggered | 0 | | | | Task not triggered | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Triggered | 1 | | | | Task triggered | | | | | | | | | | | | | | | | | | | | | | | | | | | |

5.4.3.31 PLL.STAT

Address offset: 0x42C

Which PLL settings were selected when triggering START task

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|-----|-------|------------|-------|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | STATE | | | PLL state (Running between START task and STOPPED event) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | NotRunning | 0 | PLL is not running | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Running | 1 | PLL is running | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

5.4.3.32 LFCLK.SRC

Address offset: 0x440

Clock source for LFCLK