

| Cycle | Decoding | Data Input Stream | | | | | | | | | | | | | PDP State | | | | | Pixel Buffer | | | |
|---------|----------|-------------------|----|-----|-----|-----|-----|---|-----|-----|---|-----|-----|-----|-----------|----|----|----|----|--------------|----|----|----|
| 0 | 1 | XS | XE | YS | YE | D | D | D | D | D | D | D | D | ... | | | | | | | | | |
| 1 | XS | XE | YS | YE | D | D | D | D | D | D | D | D | D | ... | DR | | | | | | | | |
| 2 | XE | YS | YE | D | D | D | D | D | D | D | D | D | D | ... | DR | XS | | | | | | | |
| 3 | YS | YE | D | D | D | D | D | D | D | D | D | D | ... | | DR | XS | XE | | | | | | |
| 4 | YE | D | D | D | D | D | D | D | D | D | D | ... | | | DR | XS | XE | YS | | | | | |
| 5 | D | D | D | D | D | D | D | D | D | ... | | | | | DR | XS | XE | YS | YE | | | | |
| 6 | D | D | D | D | D | D | D | D | ... | | | | | | DR | XS | XE | YS | YE | D0 | | | |
| 7 | D | D | D | D | D | D | ... | | | | | | | | DR | XS | XE | YS | YE | D0 | D1 | | |
| 8 | D | D | D | D | D | ... | | | | | | | | | DR | XS | XE | YS | YE | D0 | D1 | D2 | |
| 9 | D | D | D | D | ... | | | | | | | | | | DR | XS | XE | YS | YE | D0 | D1 | D2 | D3 |
| Display | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | D | D | D | ... | | | | | | | | | | | DR | XS | XE | YS | YE | D4 | | | |
| | | | | | | | | | | | | | | | | | | + | n | | | | |