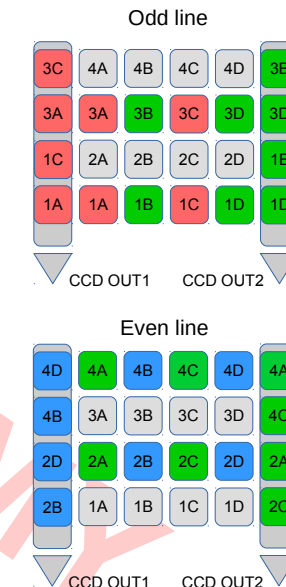
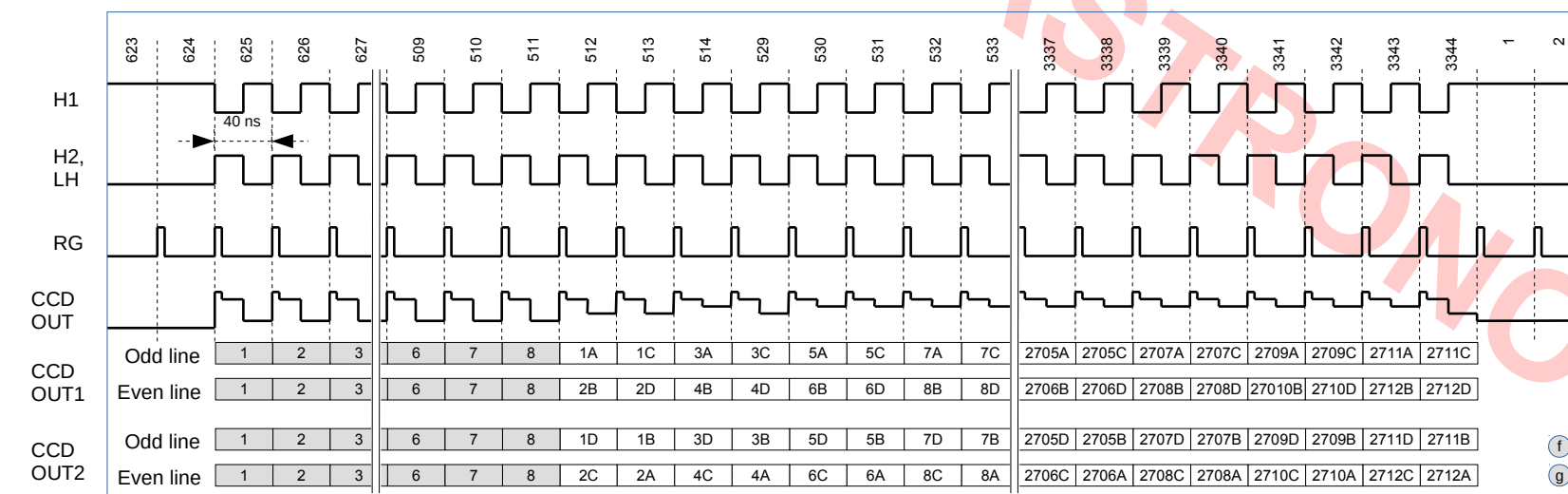
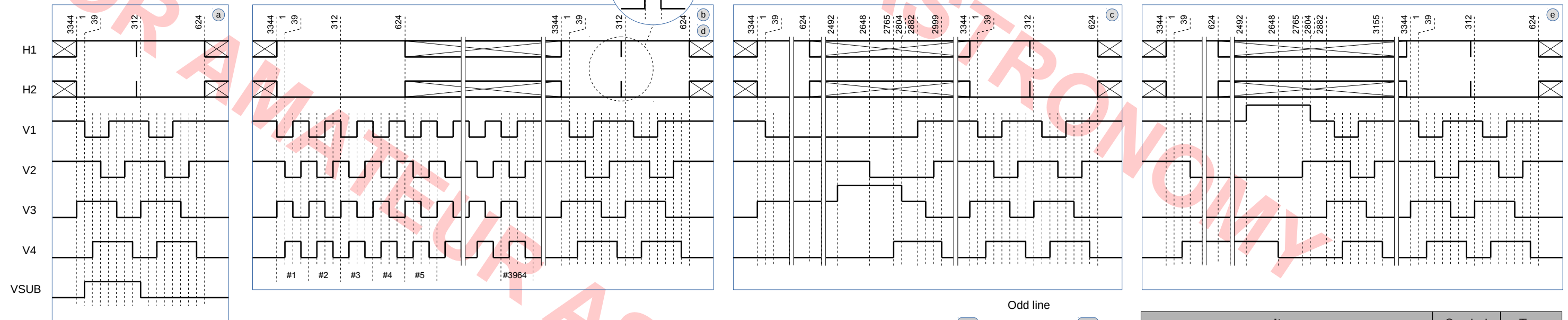
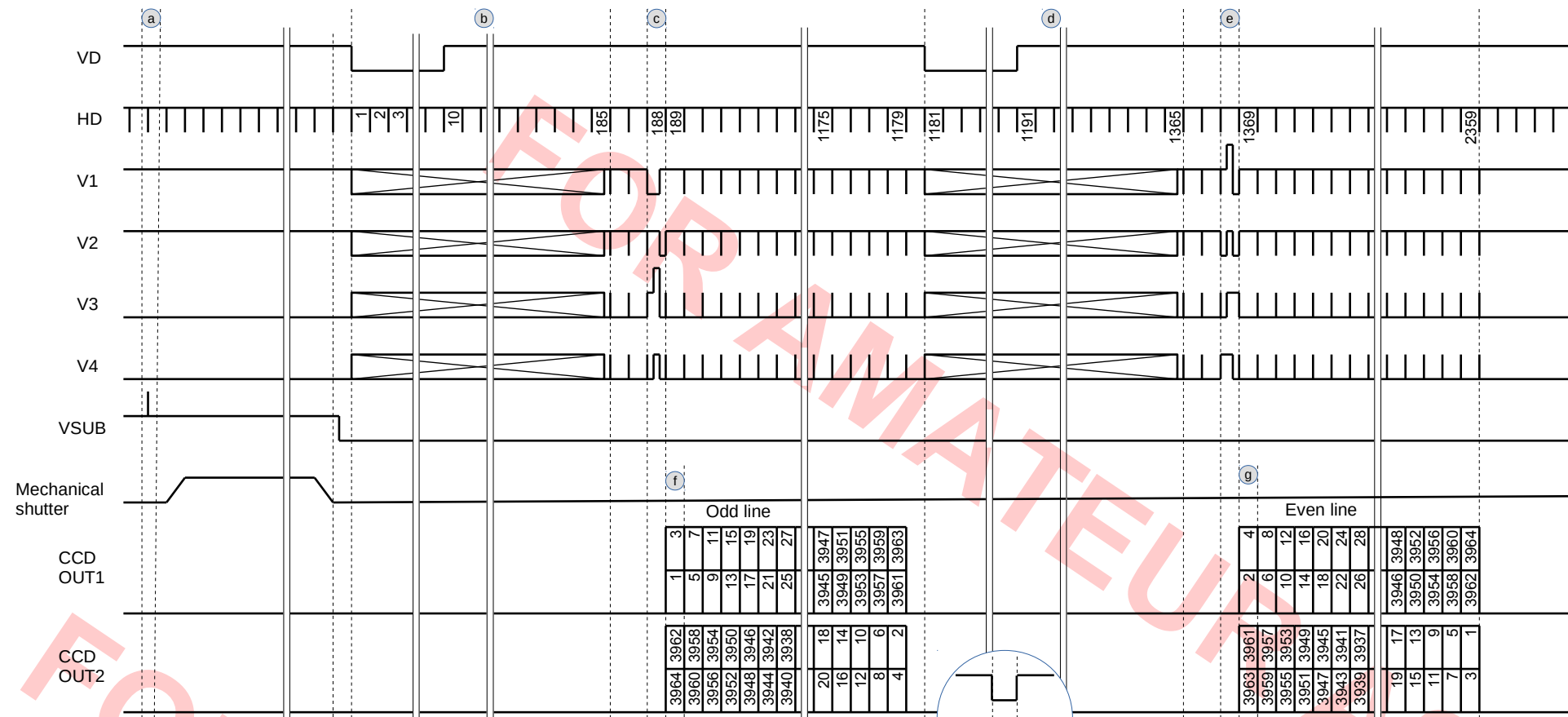


ICX493AQA

- Interline CCD image sensor
- Optical size:
Diagonal 28.328mm (Type 1.8)
- Total number of pixels:
3964 (H) × 2712 (V) approx. 10.75M pixels
- Number of effective pixels:
3900 (H) × 2616 (V) approx. 10.20M pixels
- Number of active pixels:
3890 (H) × 2606 (V) approx. 10.14M pixels
- Number of recommended recording pixels:
3872 (H) × 2592 (V) approx. 10.04M pixels
- Chip size:
26.10mm (H) × 18.42mm (V)
- Unit cell size:
6.05μm (H) × 6.05μm (V)
- Optical black:
Horizontal (H) direction: Front ?? pixels, rear ?? pixels
Vertical (V) direction: Front ? pixels, rear ? pixels
- Number of dummy bits:
Horizontal ??
Vertical ??



Item	Symbol	Typ.
Supply voltage	V _{DD}	15.0 V
Readout clock voltage	V _{VT}	15.0 V
Vertical transfer clock voltage	V _{VH}	0 V
	V _{VL}	-7.5 V
Horizontal transfer clock voltage	V _{PH}	6.0 V
	V _{HL}	0 V
Horizontal final stage transfer clock voltage	V _{LHH}	6.0 V
	V _{LHL}	0 V
Reset gate clock voltage	V _{PHG}	6.0 V
	V _{RGL}	0 V
Substrate clock voltage	V _{PHSUB}	23.0 V