

SingMai Vision

The newsletter of SingMai Electronics (no. 18)

Affordable Video Intellectual Property Cores

SingMai offer a range of IP cores for the transmission and processing of SD and HD video.

All of our IP cores are designed in-house and we can offer unmatched support, relieving you of the worry of problems in integrating them into your product. We are happy to customise the IP core to provide the most efficient and best solution to you. We use the IP cores in our own products, ensuring they are all field proven. Support from the core designers is just an email away.

Affordability

All of our cores are sold on the same terms: 50% on placement of the order, and 50% after you have tested the product. No license fees, no hidden costs. Single project or multiple project prices are available, but there are no quantity restrictions or additional costs. Test benches are available at cost, but we supply test vectors for free. Six months design in support is also included, but on-site support and training is also available (subject to COVID travel restrictions).

Our Cores are Everywhere

Our IP cores have been sold to over twenty countries worldwide, from China to Canada, from Taiwan to Israel, to small start-ups to billion dollar companies.

If it is a video IP core you are looking for, drop us an email at sales@singmai.com - the chances are we can help. Many of the IP cores we have designed for in-house use are not listed only because we haven't written the user manual or made it production quality.

Our biggest selling IP cores include:

[PT5 Broadcast quality NTSC/PAL/SECAM video decoding with 3D comb filter and sample rate converter.](#)

[PT8 Broadcast quality NTSC/PAL encoding.](#)

[PT57 'Universal Video encoding'. NTSC,PAL,960H,AHD,HD-CVI,HD-TVI.](#)

[PT53 'Universal Video decoding'. NTSC,PAL,960H,AHD,HD-CVI,HD-TVI.](#)

Other IP cores available include:

[Adaptive Median Filter \(remove salt and pepper noise\).](#)
[Histogram Equalisation \(adaptive contrast enhancement\).](#)
[3G-/HD-/SDI encoder and decoder.](#)
[PT52 and PT56 aCvi transmission and receiving IP cores.](#)
[PT12: Recursive video noise reduction.](#)
[Colour edge enhancement.](#)

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