

## B. VCR only (Continued)

| Application      | Device  | Package       | Circuit Function                                           |
|------------------|---------|---------------|------------------------------------------------------------|
| Servo Controller | KA8324  | 60 QFP        | Double C-FG frequency of KA8320                            |
|                  | KA8325  | 60 QFP        | Option of Head select Logic in KA8324                      |
|                  | KA8327  | 60 QFP        | built in External Filter of D-MIX & C-MIX out put          |
| MOTOR DRIVER     | KA8328D | 24 SO         | I & V CONTROL, built in TSD circuit                        |
|                  | KA8329  | 30 DIP SH H/S | 3 Phase DD MOTOR driver with non Inverting & Inverting AMP |
|                  | KA8330  | 10 SIP        | DC MOTOR DRIVER with TSD circuit                           |

## C. Camcorder only

| Application             | Device   | Package  | Circuit Function                                                                                                                                                                                                                                                                                                          |
|-------------------------|----------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DCP                     | † KS7301 | 160 VQFP | AF/AE(IRIS)DET, AGC, Color sep, Color multiplexer, H/V aperture, Color matrix, AWB det, Gamma compensation(10bit mode), Super impose, Timing generator, Sync. generator, Title Mix, Encoder (Chroma suppress), using M-Bus fully $\mu$ -Com controllable, Compatible for 10bit & 8bit mode, NTSC/PAL, Normal/Hi-band mode |
| CDS                     | † KA7302 | 30 SSOP  | CDS(Correlated Double Sampling), AGC, Gamma control                                                                                                                                                                                                                                                                       |
| DIS                     | † KS7303 | 100 VQFP | Motion vector generation, Motion det 1 field period, Adaptive control for irregular video environment, NTSC/PAL, Normal/Hi-band mode                                                                                                                                                                                      |
| DZ & DE                 | † KS7304 | 100 VQFP | Four times digital zoom(24 steps), Digital still, Digital strobe, Low shutter speed, Digital mosaic(3 steps), Edged det. & Motion det. for KS7303, NTSC/PAL, Normal/Hi-band mode                                                                                                                                          |
| EVF Driver              | † KA7007 | 16SOP    | Video amp, SYNC separation, H/V osc., H/V output, Vertical drive                                                                                                                                                                                                                                                          |
| ATF                     | † KA8322 | 64 QFP   | ATF(Auto Track Finding), REC ATF, SP/LP det., CLOG det., Envelop det., T/S reel det., TOP/END det.                                                                                                                                                                                                                        |
| 8mm FM Audio Processor  | † KA8407 | 48 VQFP  | FM modulator/demodulator, BPF, Line/Mic in, Line/Earphone out, Fade Mute, SP/LP                                                                                                                                                                                                                                           |
| Sensorless Motor Driver | † KA8323 | 30 SSOP  | Rotor position det., Logic circuit output driver                                                                                                                                                                                                                                                                          |
| Sync. Generator         | KS7210   | 32 QFP   | Clock osc., Freq. divider, Sync. out (H/V Composite), Int/Ext mode                                                                                                                                                                                                                                                        |
| Timing Generator        | KS7211   | 48 VQFP  | Clock osc., V/H transfer pulse out, Precharge gate pulse, Shutter speed control                                                                                                                                                                                                                                           |
| Vertical Driver         | KS7220   | 20 SOP   | 4-Phase vertical driver, Shutter pulse driver                                                                                                                                                                                                                                                                             |

† New Product    †† Under Development