

CONNECTED MULTIMEDIA SCREENS – XpandR FAMILY

| | DMW74 | DMW96 | RF22 | RF19Z | DP52 |
|-----------------------------|-----------------|-----------------------|-------------------|----------------------|------|
| Function | Processor | Processor | Wi-Fi Transceiver | Cordless Transceiver | PMU |
| Generation | | | | | |
| XpandR II | ✓ | | RF52 | RF19C | ✓ |
| XpandR III | | ✓ | ✓ | ✓ | ✓ |
| CPU | | | | | |
| Main Processor | ARM9 @240 MHz | ARM Cortex™-A8 @1 GHz | | | |
| Co-Processor | DSP TL @160 MHz | ARM9 @300 MHz | | | |
| Memory | | | | | |
| Flash | NAND | NAND, eMMC | | | |
| External DRAM | mSDRAM | DDR2, LPDDR2 | | | |
| Hardware Integration | | | | | |
| Video | | ENC 720p DEC 1080p | | | |
| GPU | | GC400 12M Po/S | | | |
| Wi-Fi | 802.11a/b/g | 802.11a/b/g/n | | | |
| DECT | ✓ | ✓ | | | |
| RF PA | | | ✓ | ✓ | |
| RF Switches | | | ✓ | ✓ | |
| Radio Frequency | | | | | |
| DECT (EUR) | | | | ✓ | |
| DECT 6.0 (US) | | | | ✓ | |
| K-DECT | | | | ✓ | |
| J-DECT | | | | ✓ | |
| 2.4 GHz | | | ✓ | | |
| I/O | | | | | |
| UART | 2 | 3 | | | |
| USB | 1 x USB2.0 | 2 x USB2.0 | | | |
| TDM | 2 | 3 | | | |
| MII | ✓ | ✓ | | | |
| SPI | ✓ | ✓ | | | |
| PWM | | | | | ✓ |
| Power | | | | | |
| DC2DC | | | | | 2 |
| LDO | | | | | 6 |
| Charger | | | | | ✓ |

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DSP Group enables converged voice, audio, video and data connectivity across diverse mobile, consumer and enterprise products – from mobile devices, connected multimedia screens, and home automation & security to cordless phones, VoIP systems, and home gateways. Leveraging industry-leading experience and expertise, DSP Group partners with CE manufacturers and service providers to shape the future of converged communications at home, office and on the go.

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