

DFM-560E



## 56K Rockwell external Data/Fax/Voice modem

### Specifications

#### Data Mode

- \*ITU-T V.90 and K56flex Auto-Detect
- \*56Kbps capable download speed from Internet Service Provider supporting 56K Flex.
- \*Speed: 56000/ 33600/ 31200/ 28800/ 26400/ 24000/ 19200/ 16800/ 14400/ 12000/ 9600/ 7200/ 4800/ 2400/ 1200/ 300/ 75bps, throughput up to 115200bps
- \*Compatibility: V.34, V.32bis, V.22bis, V.22A/B, V.23 and V.21; Bell 212A and 103 Industry Standard AT command set.
- \*V.42 LAPM, MNP 2-4 error correction.
- \*V.42bis and MNP 5 data compression.
- \*NVRAM directory and stored profiles.
- \*Built in DTE interfaces:
  - Parallel 16550A UART-compatible interface.
  - Serial ITU-T V.42 (EIA/TIA-232-E)
- \*Caller ID and distinction ring detect.
- \*V.80 and Rockwell Video Synchronous access modes support host based communication protocol.

#### Fax Mode

- \*Speed: 28800/14400/ 12000/ 9600/ 7200/ 4800/ 400bps.
- \*Compatibility: ITU-T V.17, V.29, V.27 ter and V.21 channel2.
- \*Group 3 Fax Send and Receive.
- \*EIA Class 1 and 2 command set.
- \*Fax on demand and retrieval.

#### Voice

- \*Tone detection/ generation and call discrimination.
- \*Concurrent DTF detection.
- \*8-bit monophonic audio data encoding at 11,025KHz or 7200KHz.
- \*Enhanced 2-bits or 4-bits per sample ADPCM coding and decoding at 7200Hz.
- \*Supports digital telephone answering machine, voice annotation and audio recording playback applications.
- \*Voice view alternating voice and data (option).
- \*Multiple voice mail boxes.

#### AUDIO SPAN/SAVD/SP.

- IUT-T V.61 modulation (4.8Kbps data plus audio), handset or headset half duplex speakerphone.
- \*ML 144 modulation.
- \*ML 288 modulation.
- \*Full duplex speakerphone (FDSP) mode
  - Acoustic and line echo cancellation.
  - Microphone gain and muting.
- Speaker volume control and muting.

#### D.S.V.D.

- \*ITU-T V.70 DSVD using the RCDSVD SCP.
- \*ITU-T interoperable G.729 Annex B.
- \*SIG Digi Talk DSVD.
- \*Voice / Silence detection and handset echo cancellation.
- \*Robust DSVD timing recovery.
- \*Handset, headset, or half-duplex speakerphone.
- \*Supports host-supplied DSVD.

