W2028 PAGER
Datasheet

call systems technology
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Specifications

Features

Message storage Capacity	19 Personal messages, 16 Mail drop messages, each 512 ASCII, total 32Kbytes SRAM for memory storage.
Address Code	8 paging addresses, 4 address for Personal call o, rest of 4 addresses can be programmed as personal address or maildrop address
Display Format	20 chars. x 4 lines + 1 line ICONS, or 20 chars x2 line+1line icon, user selectable
Hand programming	Available
Prompt icon	Some function can be disabled by CCP for easy operation
Time/Date Display	Real time with date displayed in 24 or 12 hours format
In Range Indication	If pager is within range of reception, " Y " will not be displayed
Low Voltage Alert	Display will show " ▭▸ " indicating low voltage
Backlight	Backlight can be turned on manually under dim environment
Message Received Time	Message receiving time is memorized and displayed together
Message protection	16 messages
Message Deletion	Self messages can be deleted individually; self messages and mail drop can be deleted all.
Unread message	ICON will appear on display to remind unread message and audible alert (optional)
Duplicate Message	Duplicate message indication provided
Error Message	Error message indication provided
Melody Alert	8 Musical Tones
Tone Alert	4 different tone alerts, continuous audible alert (ccp selected), standard alert tone for different function call(programming selection), emergence alert with fixed alert tone and vibration
Tone Alert Time	12~16 seconds
Vibration Alert	Build-in vibrator will be activated automatically to indicate receptions of calls

Features (continued)

Silent Alert	Pager can receive message without vibration, tone alert
Alarm	Built-in alarm function at preset time
Language	Farsi, English, Spanish, French, Italian, German, Portuguese, Danish. Swedish.
OTA function	OTA function turns on/off self address and mail drop address
Battery	One "AAA" battery (1.5V)
Battery Life	512dps, 2000 Hours (Alkaline battery), 1200bps, 1600 Hours (Alkaline battery)
Battery Back-up	15 seconds (when the battery is replaced)
Weight	135 gms. (including battery)
Size	(80.5L x 54.5W x 19.20H) mm without belt clip

General

Frequency Range	138-174, 278-284, 405-480, 928-932MHz Bands, crystal or synthesized version
Channel Spacing	25KHz
Signal Format	POCSAG
Data Transmission Rate	512bps or 1200bps or 2400bps
Modulation System	Carrier frequency shift keying (NRZ)
Frequency Deviation	±4.5KHz
Receiving Sensitivity	512bps 5uV/m, 1200bps 7uV/m, 2400bps 10uV/m
Selectivity	60dB ±25KHz
Image Rejection	≥50dB (138—480MHz); ≥40dB (928—932MHz)
Spurious Rejection	≥60dB (138—284MHz); ≥50dB (405—932MHz)
Frequency Stability	±10ppm(138-284 MHz), ±5ppm(406-480 MHz), ±3ppm(928-932MHz)
Tone Alert Output	More than 75dB(SPL) 10cm, frequency 2731Hz
Operating Voltage	1.0V (min)
Operating Temp. Humidity	-10° to 40°, 95% (at 40°)
Storing Temp. Humidity	-10° to 70°, 95% (at 40°)

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