



SIM5218E: WCDMA/HSDPA/HSUPA/A-GPS Module

High speed HSDPA/HSUPA functionality of the SIM5218E is ideal for security solutions with video, video phones and tracking solutions.

General features:

- HSDPA 7.2Mbps
- HSUPA 5.76Mbps
- UMTS/HSDPA/HSUPA 900/1900/2100MHz
- Quad-Band GSM 850/900/1800/1900MHz
- GPRS multi-slot class 12
- EDGE multi-slot Class 12
- UMTS/HSDPA 3GPP release 5
- UMTS/HSUPA 3GPP release 6
- GSM 3GPP release 99
- Output power: UMTS 2100/1900/850: 0.25W
GSM850/GSM900: 2W
DCS1800/PCS1900: 1W
- Control Via AT Commands
- Supply voltage range: 3.4V~ 4.2V
- Temperature range: Normal operation:-15°C to +55°C
Restricted operation :-20°C to +70°C
Storage temperature :-40°C to +85°C
- Dimension: 58 x26 x4.5 mm

Specifications for A-GPS:

- A-GPS mode: MS-Based, Ms-Assisted

Specifications for data transfer:

- HSDPA: Max. 7.2Mbps(DL)
UE Category: 4, 6, 8, 12
- HSUPA: Max. 5.76Mbps(UL)
- HSUPA+HSDPA: Max. 2.0Mbps(UL)+3.6Mbps(DL)
- WCDMA: Max.384Kbps(DL), Max.384Kbps(UL)
- EDGE Class: Max. 236.8Kbps(DL),Max.118Kbps(UL)
- GPRS: Max. 85.6Kbps(DL), Max.42.8Kbps(UL)
- CSD: GSM Data rate 14.4Kbps
WCDMA data rate 57.6Kbps

Specifications for voice:

- Voice Codec HR, FR, EFR
- AMR
- DTMF

Specifications for video call:

- DTMF on H245
- Support standard WCDMA 64kbps(CS) Video call

Approvals:

- CE & FCC

