

# FSA2866

## Dual-Host / Dual-SIM Card Crosspoint Analog Switch

### Features

Switch Type	2x2 Crosspoint Switch
Input Type	Data
Input Signal Range	0 to $V_{CC}$
$V_{CC}$	1.65V to 4.30V
$R_{ON}$	Data 2 $\Omega$ (Typical) VSIM 2 $\Omega$ (Typical)
$R_{FLAT}$	0.6 $\Omega$ (Typical)
ESD	IEC 61000-4-2 System Air 15kV, Contact 8kV
$C_{ON}$	28pF (Typical)
$C_{OFF}$	12pF (Typical)
Package	20-Lead UMLP, 3 x 3 x 0.55mm, 0.40mm Pitch with Exposed DAP
Ordering Information	FSA2866UMX

### Description

The FSA2866 is a dual-host, dual-SIM card analog switch designed specifically for cell phones that support two specific carrier services (for example, CDMA and GSM/3G).

### Related Resources

- For samples and questions, please contact: [Analog.Switch@fairchildsemi.com](mailto:Analog.Switch@fairchildsemi.com).
- FSA2866 Evaluation Board

### Applications

- MP3 Portable Media Players
- Cellular Phones, Smart Phones

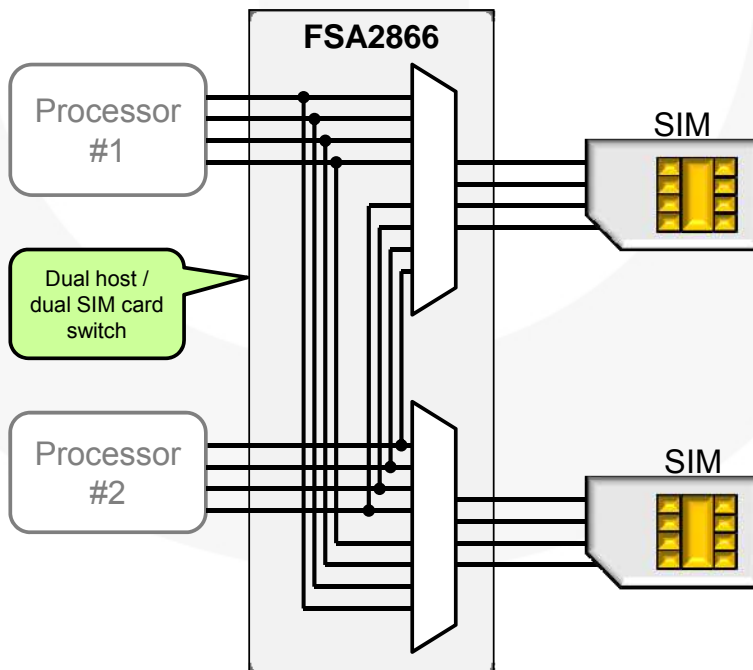
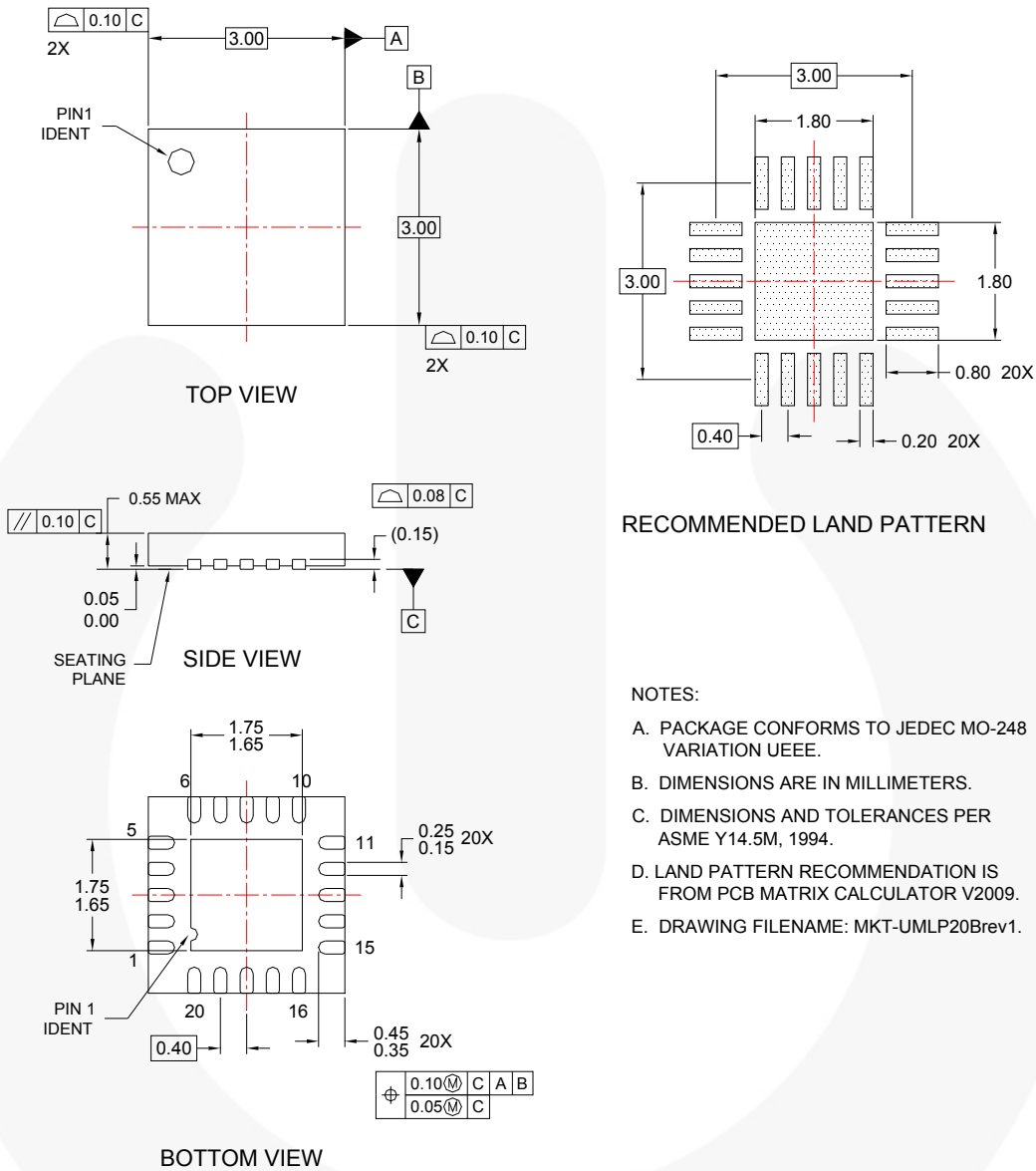


Figure 1. Typical Mobile Phone Application

## Physical Dimensions



**Figure 9. 20-Pin Ultrathin Molded Leadless Package (UMLP)**

Order Number	Operating Temperature Range	Package Description	Packing Method
FSA2866UMX	-40 to 85°C	20-Lead Ultrathin Molded Leadless Package (UMLP)	Tape & Reel




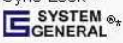
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