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CY7C1381KVE33-133AXM

Status: **Production**

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[Quality and RoHS](#)

Datasheet

 [CY7C1361KVE33, MilitaryTemperature, 9-Mbit \(256K x 36\) Flow-Through SRAM \(PDF, 2.11 MB\)](#) 

 Updated datasheet: September 08, 2016

CY7C1381KVE33-133AXM	
Development Kit	no
Architecture	Standard Sync, Flow-through
Burst Length (words)	4
Density (Kb)	18432
Density (Mb)	18
Frequency (MHz)	133
Maximum operating temperature (° C)	125
Max. Operating VCCQ (V)	3.60
Maximum operating voltage (V)	3.60
The minimum working temperature (° C)	-55
Min. Operating VCCQ (V)	2.38
Minimum operating voltage (V)	3.14
Organization (X x Y)	512Kb x 36
Temperature classification	Military

DESIGN SUPPORT

- Development Kit
- forum
- knowledge base
- Package
- Product manual
- Quality and Reliability
- sample
- Technical Support
- Technical Training
- Third-party network (CYPros)

TRAIN

- Symposium
- Training On-Demand
- Webcasts

* Prices are shown in United States dollars and are for budgetary use only for volume of 1ku
 Sprawdz Distributors **: This IS Part Sold only through Distributors.

PACKAGING / ORDERING

Toolkit	TQFP
No. of Pins	100
Package Dimensions	551 L x 1.4 H x 787 W (Mils)
Package Weight	913.01 (mgs)
Package Cross Section Drawing	download
Package Carrier	TRAY
Package Carrier Drawing / Orientation	Drawing , Package Penalty for Orientation
Standard Pack Quantity	72
Minimum Order Quantity (MOQ)	72
Order Increment	72
Estimated Lead Time (days)	42
HTS Code	8542.32.0040
ECCN	(B.2.B.)
ECCN Suball	3A991

QUALITY AND ROHS



Moisture Sensitivity Level (MSL)	3
Peak Reflow Temp. (° C)	260 (Cypress Reflow Profile)
Restriction of Hazardous Substances (RoHS) standards	The Y- the Print of the Compliance Certificate of Compliance RoHS Compliant
Lead-free	Yes
Lead / Ball Finish	Ni / Pd / Au
Marking	Cypress Marking Format

Package Material Declaration
 100L-TQFP 14X20mm PB-FREE PMDD *The Update Last: , 2015 Nian 12 Yue 22 Ri*

IPC 1752 Material Composition declaration
 IPC-1752-2_V1.1_TQFP 100 14 X 20 MM_ASE *The Update Last: 2012 Nian Yue 05 Ri. 7*
 TQFP 100 14 x 20 mm - 001-80194 *The Update Last: 2012 Nian Yue 29 Ri. 6*
 TQFP 100 14 x 20 mm - 001-80317 *The Update Last: 2012 Nian Yue 29 Ri. 6*

<p>product</p> <ul style="list-style-type: none"> Wireless connections WICED Wi-Fi Low-power Bluetooth 32-bit ARM® Cortex® MCUs Programmable system on chip Universal Serial Bus (USB) Memory Touch-sensitive Power Management ICs Clocks & Buffers 	<p>application</p> <ul style="list-style-type: none"> Internet of Things (IoT) Aerospace & Defense Automotive Solutions Household appliances Medical Consumer electronics products Communications & Telecom industry wireless Reference Design 	<p>Design Support</p> <ul style="list-style-type: none"> Cypress Developer Community WICED IoT Community knowledge base Symposium video Development Kits / Boards Quality and Reliability Restriction of Hazardous Substances (RoHS) standards for environmentally friendly products Design Partner Program WICED IoT Partners Product Roadmap 	<p>Buy and sample</p> <ul style="list-style-type: none"> Request Sample Purchase of devices and development tools <p>about us</p> <ul style="list-style-type: none"> investor Career Opportunities
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contact us

<p>headquarter: Cypress Semiconductor 198 Champion Court San Jose, CA 95134 USA Phone: + 1-408-943-2600</p>	<p>Customer Service Support: + 1-800-541-4736 operating hours: 8:00 am - 5:00 pm (local time) Create MyCase</p>	<p>International support: + 1-408-943-2600 United States + 1-800-541-4736 operating hours: 4:30 am - 1:30 pm (Pacific Time) 7:30 PM - 4:30 AM (Standard Time)</p>	<p>Other Requirements:  Business Card of Us  the Customer Care  the Report A Website Problem</p>
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