

MPX4400A :Part Detail

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GENERAL INFORMATION

Part Number	MPX4400A
Description	PRES SEN INTEG 20 - 400KPA
Product Line	XU4202A
PTI	AKPP
Material Type	Tested Packaged Device
Life Cycle Description (code)	NOT RECOMMENDED(DECLINING)
Status	Not Recommended for New Design
Application/Qualification Tier	10-YEARS APPLICATION LIFE

PACKAGE INFORMATION

Package Type and Termination Count	Sensor 6
Package Description and Mechanical Drawing	6 PIN UNIBODY
Device Weight(g)	1.86505
Package Material	Plastic
Mounting Style	Surface Mount
Package Length (nominal)(mm)	15.560
Package Width (nominal)(mm)	15.560
Package Thickness (nominal)(mm)	5.340
Tape & Reel	No

ENVIRONMENTAL AND COMPLIANCE INFORMATION

Pb-Free	No
RoHS Compliant	
RoHS technical exemption(s)	7c-1
Material Composition Declaration (MCD)	Download MCD Report Download MCD Report
RoHS Certificate of Analysis (CoA)	Contact Us
2nd Level Interconnect	e4
Peak Package Body Temperature (PPT)(°C)	220

Maximum Time at Peak Temperature (s)	30
Number of Reflow Cycles	3
REACH SVHC	NXP REACH Statement
UL94 (plastics flammability test)	V0;Burning stops within 10 seconds on a vertical specimen;no drips allowed

MANUFACTURING INFORMATION

Micron Size(μm)	6
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ORDERING INFORMATION

Minimum Package Quantity (MPQ)	25
MPQ Container	TRAY
Exempt from Minimum Delivery Value	No
Preferred Order Quantity (POQ)	250
POQ Container	BOX
Export Control Classification Number (US)	EAR99
Harmonized Tariff (
CCATS Document	-
ENC Status	-
Other Trade Compliance Documents	-
Budgetary Price excluding tax(US Currency	1000 @ US each

Order

PRODUCT/PROCESS CHANGE NOTICE (PCN)

Number	Type	Title	Issue Date	Effectivity Date
14096A	Update Notification	PRESSURE SENSOR 100MM TO 150MM WAFER LINE CONVERSION - INTEGRATED PRESSURE SENSORS	25 Jun 2010	04 Aug 2010
14096	Product Change Notice	PRESSURE SENSOR 100MM TO 150MM WAFER LINE CONVERSION - INTEGRATED PRESSURE SENSORS	06 May 2010	25 Oct 2010

OPERATING CHARACTERISTICS

Accuracy (% Error) (Max) (%)	1.5
Ambient Operating Temperature (Min-Max) (°C)	-40 to 125
Level of Integration	Integrated
Output Type	Analog
Porting	Unported

Pressure Measurement Type Absolute

Pressure Range (Min-Max) (kPa) 0 to 400

Pressure Rating (kPA) (Max) (KPa) 400

Pressure Rating (PSI) (Max) (psi) 56.6

Sample Exception Availability N

Supply Voltage (Typ) (V) 5.1

Supply Voltage (Min-Max) (V) 4.85 to 5.35

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