UM10754

OM13491, OM13492, OM13493, OM13494, OM13495, OM13496, OM13497 Breakout Board

Rev. 1 — 23 October 2013 **User manual**

Document information

Info	Content
Keywords	Fm+, I2C-bus, Surface Mount Package, Breakout Board, DIP Adapter, surface mount package
Abstract	Technical information for breakout boards allowing I^2C-bus surface mount components to be easily evaluated

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Revision history

Rev	Date	Description
1	20131023	Initial Release

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1. Introduction

The Breakout Boards OM13491, OM13492, OM13493, OM13494, OM13495, OM13496, OM13497 permit surface mounted I2C-bus components to be easily evaluated by translating surface mount packages to a leaded package format with 100mil pin pitch.

2. Key features

A wide variety of package types:

Almost all the surface mount package types used by NXP I2C-bus products are supported.

Table 1. Package Name to SOT drawing number conversion

Package Name	SOT Number
SO8	SOT96-1
VSSOP8	SOT765-1
XQFN8	SOT902-1
HWSON8	SOT1069-2
MSOP8	SOT505-1
MSOP10	SOT552-1
HVSON10	SOT650-1
XSON8U	SOT996-2
TSSOP8	SOT530-1
HVSON8	SOT908-1
WLCSP6	PCT2202UK
TSOP6SOT457	SOT1353-1
DHVQFN24	SOT616-1
DHVQFN20	SOT662-1
DHVQFN16	SOT763-1
DHVQFN14	SOT762-1
HVQFN24	SOT616-1
HVQFN20	SOT662-1

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Package Name	SOT Number
HVQFN16	SOT758-1
HVQFN14	SOT629-1
TSSOP24	SOT355-1
TSSOP20	SOT360-1
TSSOP16	SOT403-1
TSSOP14	SOT402-1
QSOP16	SOT519-1
XFBGA16	SOT1354-1
XQFN16	SOT1161-1
TSSOP28	SOT361-1
VFBGA24	SOT1199-1
XFBGA24	SOT1342-1
HTSSOP24	SOT1172-2

Translation to leaded pins:

The breakout boards translate the surface mount package to a leaded package with 100 mil pitch, allowing quick and easy bread boarding in standard configurations.

3. Quick overview of the breakout board concept

There are seven different breakout boards, each supporting a number of different surface mount packages. If one wishes to evaluate a device, simply solder a surface mount device to the appropriate site and break out the site from the panel by cutting through the small tabs holding each board in place. If one is using a universal breadboard for evaluation, solder header pins to the outside pads, allowing one to insert the device into the breadboard.

For a more permanent connection, one can simply solder hookup wire to the outside pads.

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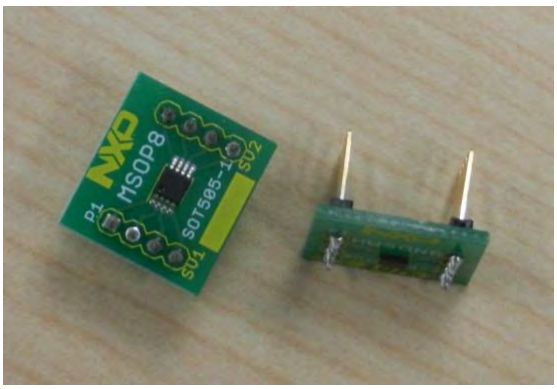


Fig 1. Breakout board with headers assembly

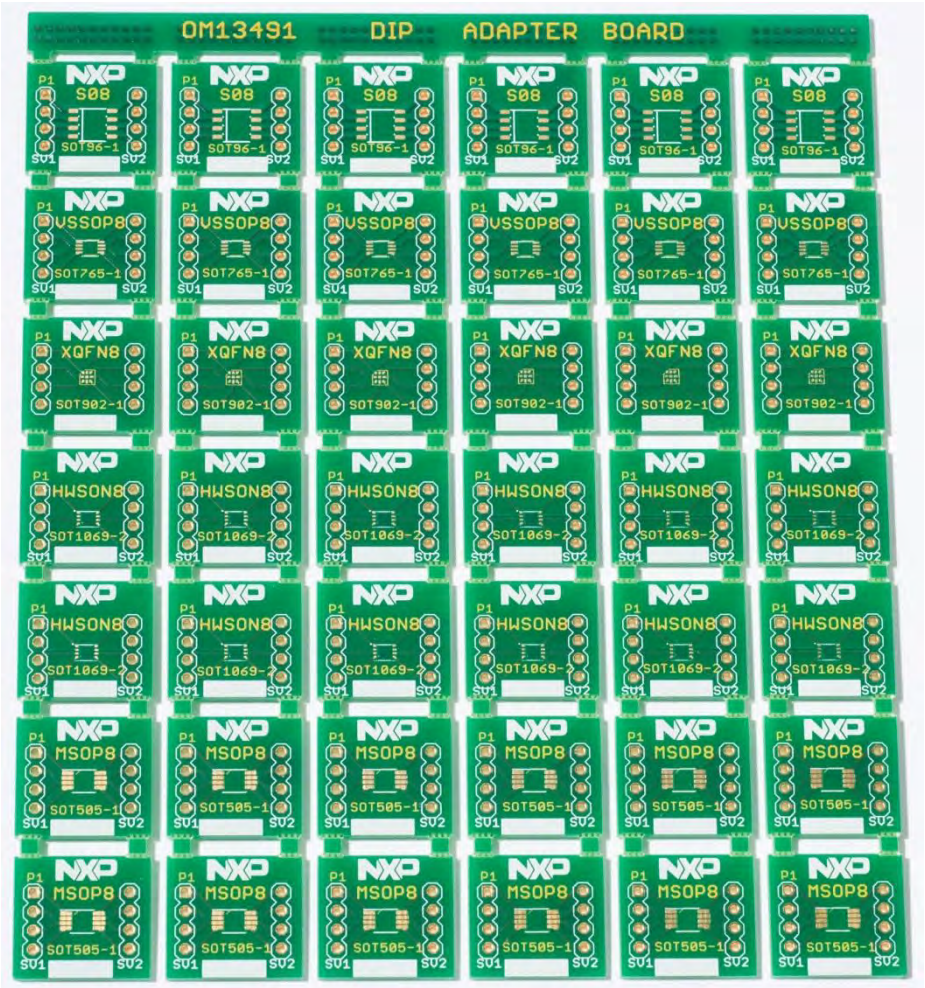


Fig 2. Panel A – consisting of six positions each of SO8, VSSOP8, XQFN8, 2xHWSON8 and 2xMSOP8

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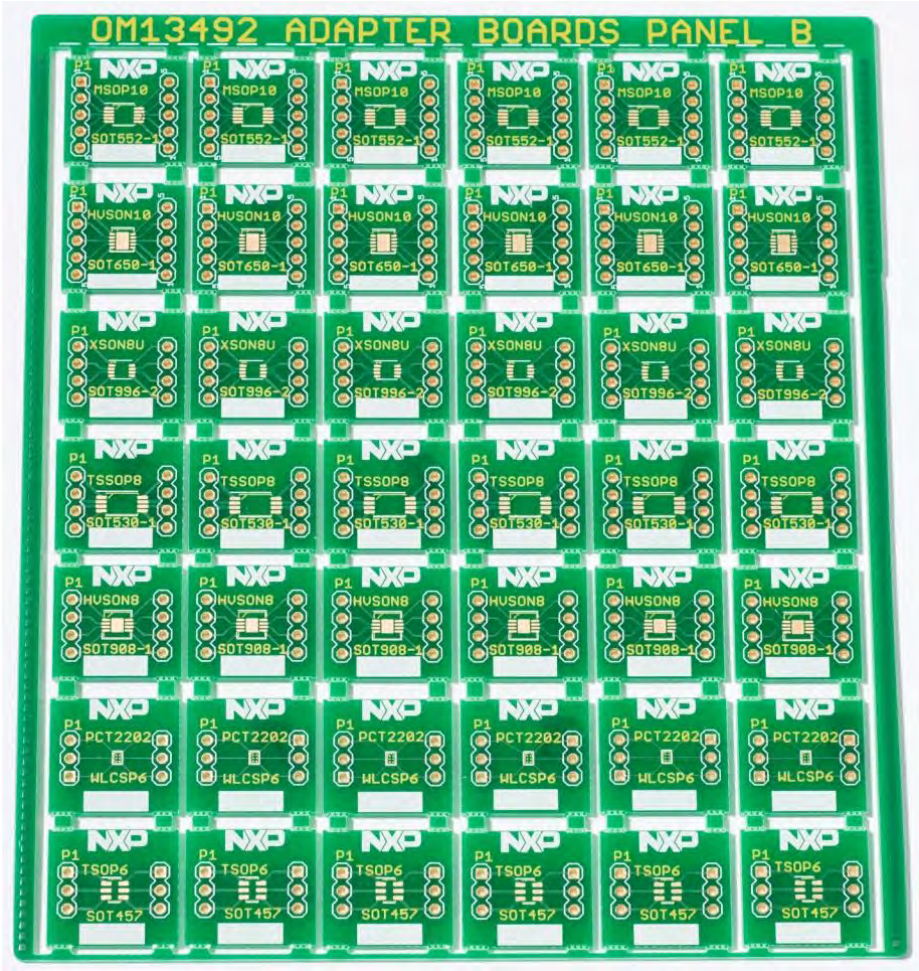


Fig 3. Panel B – consisting of six positions each of MSOP10, HCSON10, XSON8U, TSSOP8, HVSON8, PCT2202 / WLCSP6 and TSOP6

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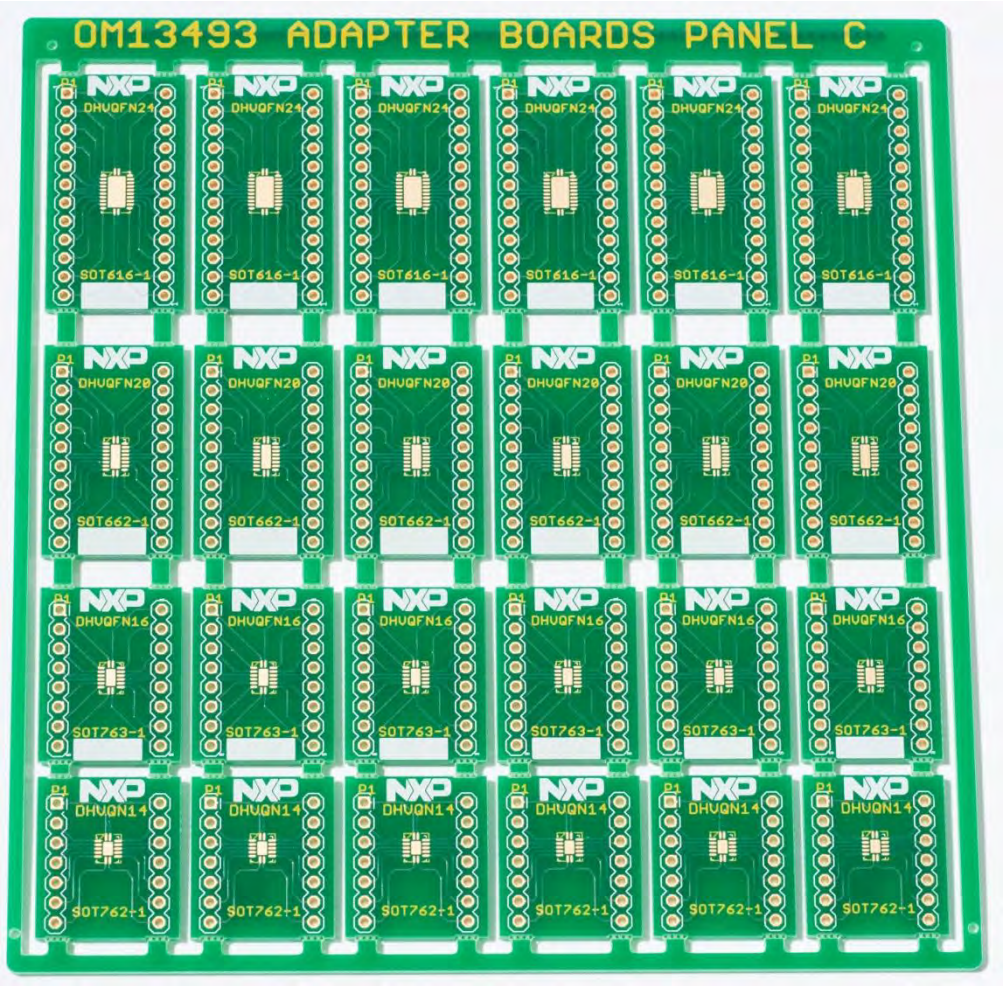


Fig 4. Panel C – consisting of six each of DHVQFN24, DHVQFN20, DHVQFN16, DHVQFN14

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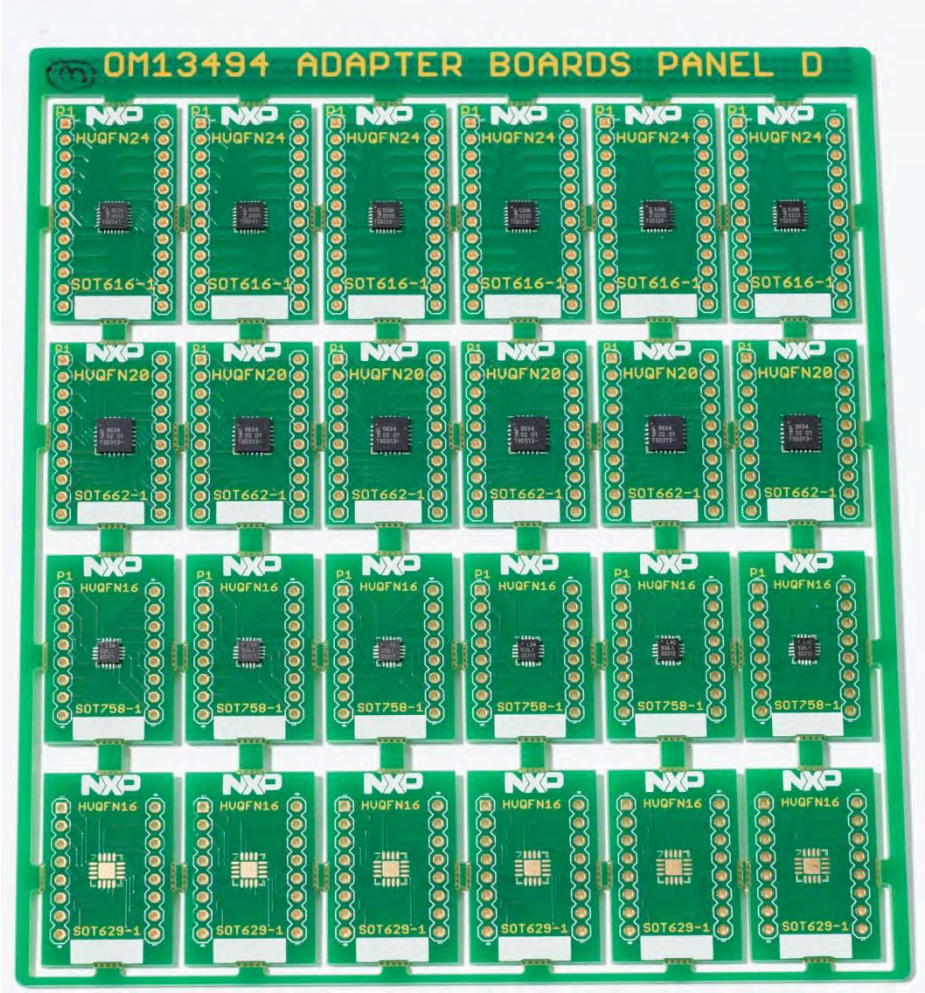


Fig 5. Panel D – consisting of six each of HVQFN24, HVQFN20, HVQFN16 (SOT758), HVQFN16 (SOT629)

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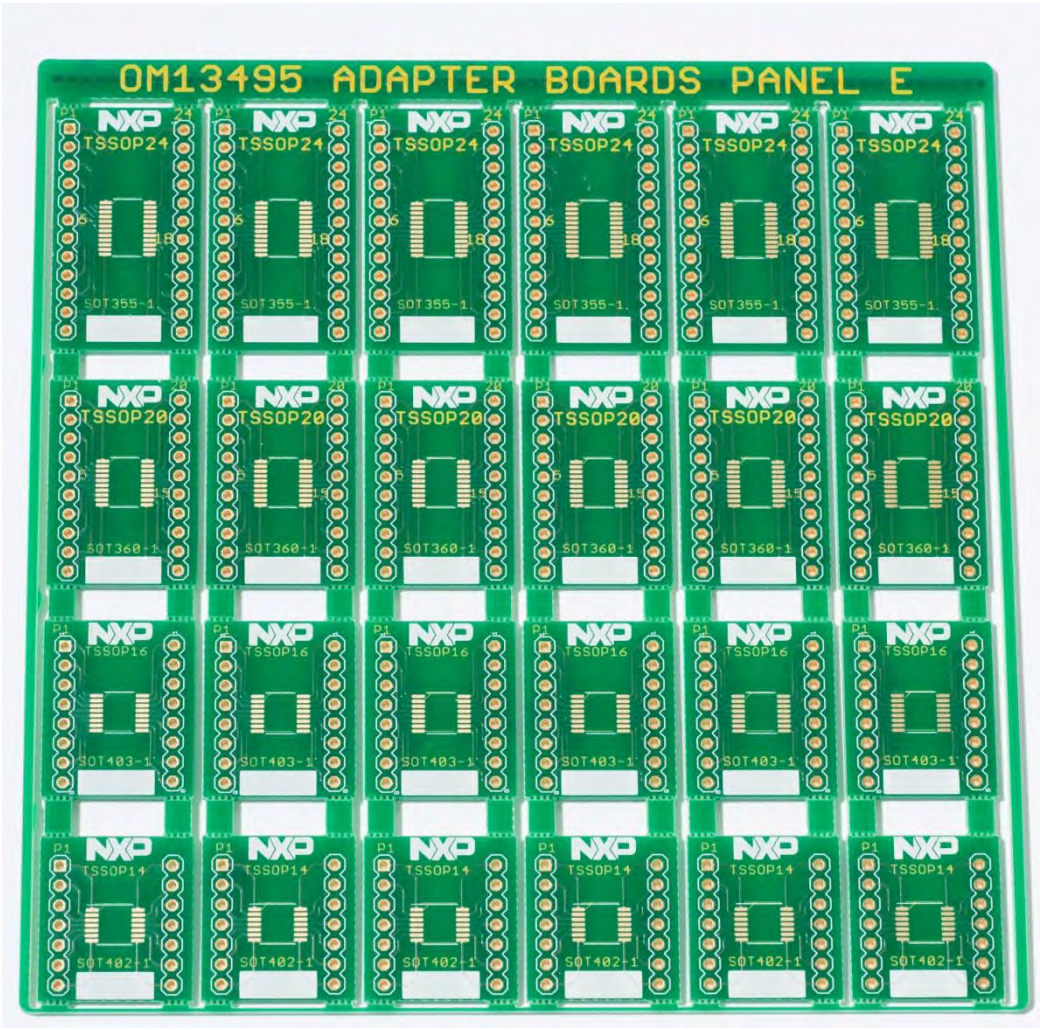


Fig 6. Panel E – consisting of six each TSSOP24, TSSOP20, TSSOP16, TSSOP14

4. Package listing – which panel contains a specific package

Table 2. Panel Number by Package SOT Number

Package SOT Number	Package Name	Panel
PCT2202UK	WLCSP6	Panel B - OM13492
SOT1069-2	HWSON8 x 2	Panel A - OM13491
SOT1161-1	XQFN16	Panel F - OM13496
SOT1172-2	HTSSOP24	Panel G - OM13497
SOT1199-1	VFBGA24	Panel G - OM13497
SOT1342-1	XFBGA24	Panel G - OM13497
SOT1353-1	TSOP6 SOT457	Panel B - OM13492

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Package SOT Number	Package Name	Panel
SOT1354-1	XFBGA16	Panel F - OM13496
SOT355-1	TSSOP24	Panel E - OM13495
SOT360-1	TSSOP20	Panel E - OM13495
SOT361-1	TSSOP28	Panel F - OM13496
SOT402-1	TSSOP14	Panel E - OM13495
SOT403-1	TSSOP16	Panel E - OM13495
SOT505-1	MSOP8 x 2	Panel A - OM13491
SOT519-1	QSOP16	Panel F - OM13496
SOT530-1	TSSOP8	Panel B - OM13492
SOT552-1	MSOP10	Panel B - OM13492
SOT616-1	DHVQFN24	Panel C - OM13493
SOT616-1	HVQFN24	Panel D - OM13494
SOT629-1	HVQFN14	Panel D - OM13494
SOT650-1	HVSON10	Panel B - OM13492
SOT662-1	DHVQFN20	Panel C - OM13493
SOT662-1	HVQFN20	Panel D - OM13494
SOT758-1	HVQFN16	Panel D - OM13494
SOT762-1	DHVQFN14	Panel C - OM13493
SOT763-1	DHVQFN16	Panel C - OM13493
SOT765-1	VSSOP8	Panel A - OM13491
SOT902-1	XQFN8	Panel A - OM13491
SOT908-1	HVSON8	Panel B - OM13492
SOT96-1	SO8	Panel A - OM13491
SOT996-2	XSON8U	Panel B - OM13492

5. Panel contents – what each panel contains

Table 3. Panel Contents

Panel Description	Package Name	Package SOT Number
Panel A - OM13491		
	SO8	SOT96-1
	VSSOP8	SOT765-1
	XQFN8	SOT902-1
	HWSON8 x 2	SOT1069-2
	MSOP8 x 2	SOT505-1

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Panel Description	Package Name	Package SOT Number
Panel B - OM13492		
	MSOP10	SOT552-1
	HVSON10	SOT650-1
	XSON8U	SOT996-2
	TSSOP8	SOT530-1
	HVSON8	SOT908-1
	WLCSP6	PCT2202UK
	TSOP6 SOT457	SOT1353-1
Panel C - OM13493		
	DHVQFN24	SOT616-1
	DHVQFN20	SOT662-1
	DHVQFN16	SOT763-1
	DHVQFN14	SOT762-1
Panel D - OM13494		
	HVQFN24	SOT616-1
	HVQFN20	SOT662-1
	HVQFN16	SOT758-1
	HVQFN16	SOT629-1
Panel E - OM13495		
	TSSOP24	SOT355-1
	TSSOP20	SOT360-1
	TSSOP16	SOT403-1
	TSSOP14	SOT402-1
Panel F - OM13496		
	QSOP16	SOT519-1
	XFBGA16	SOT1354-1
	XQFN16	SOT1161-1
	TSSOP28	SOT361-1
Panel G - OM13497		
	VFBGA24	SOT1199-1
	XFBGA24	SOT1342-1
	HTSSOP24	SOT1172-2

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6. Part number listing with panel support

As a convenience, below is a listing of most of the I^2C-bus devices offered by NXP. Instead of consulting the datasheet for the package name and package SOT number, simply look up the alpha-numeric part number listing and note the appropriate Panel Number.

NOTE: Pay close attention to the suffix which denotes the package type when looking up the part number

Table 4. Part number with corresponding panel number support

Panel Number	Panel Number	Package Name	Package SOT Number
GTL2002D	Panel A - OM13491	SO8	SOT96-1
GTL2002DC	Panel A - OM13491	VSSOP8	SOT765-1
GTL2002DP	Panel A - OM13491	TSSOP8	SOT505-1
GTL2002GM	Panel A - OM13491	XQFN8	SOT902-1
GTL2003BQ	Panel C - OM13493	DHVQFN20	SOT764-1
GTL2003PW	Panel E - OM13495	TSSOP20	SOT360-1
GTL2005PW	Panel E - OM13495	TSSOP14	SOT402-1
GTL2006PW	Panel F - OM13496	TSSOP28	SOT361-1
GTL2007PW	Panel F - OM13496	TSSOP28	SOT361-1
GTL2008PW	Panel F - OM13496	TSSOP28	SOT361-1
GTL2010BS	Panel C - OM13493	HVQFN24	SOT616-1
GTL2010PW	Panel E - OM13495	TSSOP24	SOT355-1
GTL2012DP	Panel A - OM13491	TSSOP8	SOT505-1
GTL2014PW	Panel E - OM13495	TSSOP14	SOT402-1
GTL2018PW	Panel E - OM13495	TSSOP24	SOT355-1
GTL2034PW	Panel E - OM13495	TSSOP14	SOT402-1
GTL2107PW	Panel F - OM13496	TSSOP28	SOT361-1
LM75AD	Panel A - OM13491	SO8	SOT96-1
LM75ADP	Panel A - OM13491	TSSOP8	SOT505-1
LM75BD	Panel A - OM13491	SO8	SOT96-1
LM75BDP	Panel A - OM13491	TSSOP8	SOT505-1
LM75BGD	Panel B - OM13492	XSON8	SOT996-2
LM75BTP	Panel A - OM13491	HWSON8	SOT1069-2
NE1617ADS	Panel F - OM13496	SSOP16	SOT519-1
NVT2002D	Panel A - OM13491	SO8	SOT96-1
NVT2002DP	Panel A - OM13491	TSSOP8	SOT505-1
NVT2002GD	Panel B - OM13492	XSON8	SOT996-2
NVT2003DP	Panel B - OM13492	TSSOP10	SOT552-1
NVT2006BQ	Panel C - OM13493	DHVQFN16	SOT763-1
NVT2006BS	Panel D - OM13494	HVQFN16	SOT758-1
NVT2006PW	Panel E - OM13495	TSSOP16	SOT403-1
NVT2008BQ	Panel C - OM13493	DHVQFN20	SOT764-1
NVT2008PW	Panel E - OM13495	TSSOP20	SOT360-1
NVT2010BQ	Panel C - OM13493	DHVQFN24	SOT815-1

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Panel Number	Panel Number	Package Name	Package SOT Number
NVT2010BS	Panel C - OM13493	HVQFN24	SOT616-1
NVT2010PW	Panel E - OM13495	TSSOP24	SOT355-1
NVT4555BS	Panel D - OM13494	HVQFN16	SOT758-1
P82B715TD	Panel A - OM13491	SO8	SOT96-1
P82B96DP	Panel A - OM13491	TSSOP8	SOT505-1
P82B96TD	Panel A - OM13491	SO8	SOT96-1
PCA24S08AD	Panel A - OM13491	SO8	SOT96-1
PCA24S08ADP	Panel A - OM13491	TSSOP8	SOT505-1
PCA6408ABS	Panel D - OM13494	HVQFN16	SOT758-1
PCA6408AHK	Panel A - OM13491	XQFN16	SOT1161-1
PCA6408APW	Panel E - OM13495	TSSOP16	SOT403-1
PCA6416AEV	Panel G - OM13497	VFBGA24	SOT1199-1
PCA6416AHF	Panel G - OM13497	HWQFN24	SOT994-1
PCA6416APW	Panel E - OM13495	TSSOP24	SOT355-1
PCA8550DB	#N/A	SSOP16	SOT338-1
PCA8550PW	Panel E - OM13495	TSSOP16	SOT403-1
PCA8574AD	#N/A	SO16	SOT162-1
PCA8574APW	Panel E - OM13495	TSSOP16	SOT403-1
PCA8574ATS	#N/A	SSOP20	SOT266-1
PCA8574D	#N/A	SO16	SOT162-1
PCA8574PW	Panel E - OM13495	TSSOP16	SOT403-1
PCA8574TS	#N/A	SSOP20	SOT266-1
PCA8575BQ	Panel C - OM13493	DHVQFN24	SOT815-1
PCA8575BS	Panel C - OM13493	HVQFN24	SOT616-1
PCA8575D	#N/A	SO24	SOT137-1
PCA8575DB	#N/A	SSOP24	SOT340-1
PCA8575PW	Panel E - OM13495	TSSOP24	SOT355-1
PCA9306D	Panel A - OM13491	SO8	SOT96-1
PCA9306DC	Panel A - OM13491	VSSOP8	SOT765-1
PCA9306DC1	Panel A - OM13491	VSSOP8	SOT765-1
PCA9306DP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9306DP1	Panel A - OM13491	TSSOP8	SOT505-1
PCA9306GD1	Panel B - OM13492	XSON8	SOT996-2
PCA9306GM	Panel A - OM13491	XQFN8	SOT902-1
PCA9406DC	Panel A - OM13491	VSSOP8	SOT765-1
PCA9406DP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9500BS	Panel D - OM13494	HVQFN16	SOT629-1
PCA9500D	#N/A	SO16	SOT162-1
PCA9500PW	Panel E - OM13495	TSSOP16	SOT403-1
PCA9501BS	Panel C - OM13493	HVQFN20	SOT662-1
PCA9501D	#N/A	SO20	SOT163-1
PCA9501PW	Panel E - OM13495	TSSOP20	SOT360-1
PCA9507D	Panel A - OM13491	SO8	SOT96-1

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Panel Number	Panel Number	Package Name	Package SOT Number
PCA9507DP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9508D	Panel A - OM13491	SO8	SOT96-1
PCA9508DP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9509ADP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9509AGM	Panel A - OM13491	XQFN8	SOT902-1
PCA9509D	Panel A - OM13491	SO8	SOT96-1
PCA9509DP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9509GM	Panel A - OM13491	XQFN8	SOT902-1
PCA9509PDP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9509PGM	Panel A - OM13491	XQFN8	SOT902-1
PCA9510AD	Panel A - OM13491	SO8	SOT96-1
PCA9510ADP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9511AD	Panel A - OM13491	SO8	SOT96-1
PCA9511ADP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9512AD	Panel A - OM13491	SO8	SOT96-1
PCA9512ADP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9512BD	Panel A - OM13491	SO8	SOT96-1
PCA9512BDP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9513AD	Panel A - OM13491	SO8	SOT96-1
PCA9513ADP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9514AD	Panel A - OM13491	SO8	SOT96-1
PCA9514ADP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9515AD	Panel A - OM13491	SO8	SOT96-1
PCA9515ADP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9515ATP	Panel A - OM13491	HWSON8	SOT1069-2
PCA9515D	Panel A - OM13491	SO8	SOT96-1
PCA9515DP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9516APW	Panel E - OM13495	TSSOP16	SOT403-1
PCA9517AD	Panel A - OM13491	SO8	SOT96-1
PCA9517ADP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9517ATP	Panel A - OM13491	HWSON8	SOT1069-2
PCA9517D	Panel A - OM13491	SO8	SOT96-1
PCA9517DP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9518AD	#N/A	SO20	SOT163-1
PCA9518APW	Panel E - OM13495	TSSOP20	SOT360-1
PCA9518PW	Panel E - OM13495	TSSOP20	SOT360-1
PCA9519BS	Panel C - OM13493	HVQFN24	SOT616-1
PCA9519PW	Panel E - OM13495	TSSOP20	SOT360-1
PCA9521D	Panel A - OM13491	SO8	SOT96-1
PCA9521DP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9522D	Panel A - OM13491	SO8	SOT96-1
PCA9522DP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9525D	Panel A - OM13491	SO8	SOT96-1

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Panel Number	Panel Number	Package Name	Package SOT Number
PCA9525DP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9527DP	Panel B - OM13492	TSSOP10	SOT552-1
PCA9530D	Panel A - OM13491	SO8	SOT96-1
PCA9530DP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9531BS	Panel D - OM13494	HVQFN16	SOT629-1
PCA9531PW	Panel E - OM13495	TSSOP16	SOT403-1
PCA9532BS	Panel C - OM13493	HVQFN24	SOT616-1
PCA9532D	#N/A	SO24	SOT137-1
PCA9532PW	Panel E - OM13495	TSSOP24	SOT355-1
PCA9533D	Panel A - OM13491	SO8	SOT96-1
PCA9533DP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9534BS	Panel D - OM13494	HVQFN16	SOT629-1
PCA9534BS3	Panel D - OM13494	HVQFN16	SOT758-1
PCA9534D	#N/A	SO16	SOT162-1
PCA9534PW	Panel E - OM13495	TSSOP16	SOT403-1
PCA9535AHF	Panel G - OM13497	HWQFN24	SOT994-1
PCA9535APW	Panel E - OM13495	TSSOP24	SOT355-1
PCA9535BS	Panel C - OM13493	HVQFN24	SOT616-1
PCA9535CD	#N/A	SO24	SOT137-1
PCA9535CHF	Panel G - OM13497	HWQFN24	SOT994-1
PCA9535CPW	Panel E - OM13495	TSSOP24	SOT355-1
PCA9535D	#N/A	SO24	SOT137-1
PCA9535HF	Panel G - OM13497	HWQFN24	SOT994-1
PCA9535PW	Panel E - OM13495	TSSOP24	SOT355-1
PCA9536D	Panel A - OM13491	SO8	SOT96-1
PCA9536DP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9536TK	Panel B - OM13492	HVSON8	SOT908-1
PCA9537DP	Panel B - OM13492	TSSOP10	SOT552-1
PCA9538ABS	Panel D - OM13494	HVQFN16	SOT758-1
PCA9538APW	Panel E - OM13495	TSSOP16	SOT403-1
PCA9538BS	Panel D - OM13494	HVQFN16	SOT629-1
PCA9538D	#N/A	SO16	SOT162-1
PCA9538PW	Panel E - OM13495	TSSOP16	SOT403-1
PCA9539AHF	Panel G - OM13497	HWQFN24	SOT994-1
PCA9539APW	Panel E - OM13495	TSSOP24	SOT355-1
PCA9539BS	Panel C - OM13493	HVQFN24	SOT616-1
PCA9539D	#N/A	SO24	SOT137-1
PCA9539PW	Panel E - OM13495	TSSOP24	SOT355-1
PCA9539RBS	Panel C - OM13493	HVQFN24	SOT616-1
PCA9539RPW	Panel E - OM13495	TSSOP24	SOT355-1
PCA9540BD	Panel A - OM13491	SO8	SOT96-1
PCA9540BDP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9540BGD	Panel B - OM13492	XSON8	SOT996-2

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Panel Number	Panel Number	Package Name	Package SOT Number
PCA9541ABS	Panel D - OM13494	HVQFN16	SOT629-1
PCA9541APW	Panel E - OM13495	TSSOP16	SOT403-1
PCA9541BS	Panel D - OM13494	HVQFN16	SOT629-1
PCA9541PW	Panel E - OM13495	TSSOP16	SOT403-1
PCA9542APW	Panel E - OM13495	TSSOP14	SOT402-1
PCA9543APW	Panel E - OM13495	TSSOP14	SOT402-1
PCA9543BPW	Panel E - OM13495	TSSOP14	SOT402-1
PCA9544ABS	Panel C - OM13493	HVQFN20	SOT662-1
PCA9544AD	#N/A	SO20	SOT163-1
PCA9544APW	Panel E - OM13495	TSSOP20	SOT360-1
PCA9545ABS	Panel C - OM13493	HVQFN20	SOT662-1
PCA9545AD	#N/A	SO20	SOT163-1
PCA9545APW	Panel E - OM13495	TSSOP20	SOT360-1
PCA9545BPW	Panel E - OM13495	TSSOP20	SOT360-1
PCA9545CPW	Panel E - OM13495	TSSOP20	SOT360-1
PCA9546ABS	Panel D - OM13494	HVQFN16	SOT629-1
PCA9546APW	Panel E - OM13495	TSSOP16	SOT403-1
PCA9547BS	Panel C - OM13493	HVQFN24	SOT616-1
PCA9547D	#N/A	SO24	SOT137-1
PCA9547PW	Panel E - OM13495	TSSOP24	SOT355-1
PCA9548ABS	Panel C - OM13493	HVQFN24	SOT616-1
PCA9548AD	#N/A	SO24	SOT137-1
PCA9548APW	Panel E - OM13495	TSSOP24	SOT355-1
PCA9550D	Panel A - OM13491	SO8	SOT96-1
PCA9550DP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9551BS	Panel D - OM13494	HVQFN16	SOT629-1
PCA9551PW	Panel E - OM13495	TSSOP16	SOT403-1
PCA9552BS	Panel C - OM13493	HVQFN24	SOT616-1
PCA9552D	#N/A	SO24	SOT137-1
PCA9552PW	Panel E - OM13495	TSSOP24	SOT355-1
PCA9553D	Panel A - OM13491	SO8	SOT96-1
PCA9553DP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9553TK	Panel B - OM13492	HVSON8	SOT908-1
PCA9554ABS	Panel D - OM13494	HVQFN16	SOT629-1
PCA9554ABS3	Panel D - OM13494	HVQFN16	SOT758-1
PCA9554AD	#N/A	SO16	SOT162-1
PCA9554ADB	#N/A	SSOP16	SOT338-1
PCA9554APW	Panel E - OM13495	TSSOP16	SOT403-1
PCA9554ATS	#N/A	SSOP20	SOT266-1
PCA9554BBS	Panel D - OM13494	HVQFN16	SOT758-1
PCA9554BPW	Panel E - OM13495	TSSOP16	SOT403-1
PCA9554BS	Panel D - OM13494	HVQFN16	SOT629-1
PCA9554BS3	Panel D - OM13494	HVQFN16	SOT758-1

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Panel Number	Panel Number	Package Name	Package SOT Number
PCA9554CBS	Panel D - OM13494	HVQFN16	SOT758-1
PCA9554CPW	Panel E - OM13495	TSSOP16	SOT403-1
PCA9554D	#N/A	SO16	SOT162-1
PCA9554DB	#N/A	SSOP16	SOT338-1
PCA9554PW	Panel E - OM13495	TSSOP16	SOT403-1
PCA9554TS	#N/A	SSOP20	SOT266-1
PCA9555AHF	Panel G - OM13497	HWQFN24	SOT994-1
PCA9555APW	Panel E - OM13495	TSSOP24	SOT355-1
PCA9555BS	Panel C - OM13493	HVQFN24	SOT616-1
PCA9555D	#N/A	SO24	SOT137-1
PCA9555DB	#N/A	SSOP24	SOT340-1
PCA9555HF	Panel G - OM13497	HWQFN24	SOT994-1
PCA9555PW	Panel E - OM13495	TSSOP24	SOT355-1
PCA9556PW	Panel E - OM13495	TSSOP16	SOT403-1
PCA9557BS	Panel D - OM13494	HVQFN16	SOT629-1
PCA9557PW	Panel E - OM13495	TSSOP16	SOT403-1
PCA9558PW	Panel F - OM13496	TSSOP28	SOT361-1
PCA9559PW	Panel E - OM13495	TSSOP20	SOT360-1
PCA9560PW	Panel E - OM13495	TSSOP20	SOT360-1
PCA9561PW	Panel E - OM13495	TSSOP20	SOT360-1
PCA9564BS	Panel C - OM13493	HVQFN20	SOT662-1
PCA9564D	#N/A	SO20	SOT163-1
PCA9564PW	Panel E - OM13495	TSSOP20	SOT360-1
PCA9570GM	Panel A - OM13491	XQFN8	SOT902-1
PCA9574BS	Panel D - OM13494	HVQFN16	SOT758-1
PCA9574HK	Panel A - OM13491	XQFN16	SOT1161-1
PCA9574PW	Panel E - OM13495	TSSOP16	SOT403-1
PCA9575HF	Panel G - OM13497	HWQFN24	SOT994-1
PCA9575PW1	Panel E - OM13495	TSSOP24	SOT355-1
PCA9575PW2	Panel F - OM13496	TSSOP28	SOT361-1
PCA9600D	Panel A - OM13491	SO8	SOT96-1
PCA9600DP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9601D	Panel A - OM13491	SO8	SOT96-1
PCA9601DP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9605D	Panel A - OM13491	SO8	SOT96-1
PCA9605DP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9614DP	Panel B - OM13492	TSSOP10	SOT552-1
PCA9616PW	Panel E - OM13495	TSSOP14	SOT402-1
PCA9617ADP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9617ATP	Panel A - OM13491	HWSON8	SOT1069-2
PCA9617DP	Panel A - OM13491	TSSOP8	SOT505-1
PCA9617TP	Panel A - OM13491	HWSON8	SOT1069-2
PCA9621PW	Panel E - OM13495	TSSOP16	SOT403-1

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Panel Number	Panel Number	Package Name	Package SOT Number
PCA9624BS	Panel C - OM13493	HVQFN24	SOT616-1
PCA9624PW	Panel E - OM13495	TSSOP24	SOT355-1
PCA9629APW	Panel E - OM13495	TSSOP16	SOT403-1
PCA9629PW	Panel E - OM13495	TSSOP16	SOT403-1
PCA9632DP1	Panel A - OM13491	TSSOP8	SOT505-1
PCA9632DP2	Panel B - OM13492	TSSOP10	SOT552-1
PCA9632TK	Panel B - OM13492	HVSON8	SOT908-1
PCA9632TK2	Panel B - OM13492	HVSON10	SOT650-1
PCA9633BS	Panel D - OM13494	HVQFN16	SOT629-1
PCA9633DP1	Panel A - OM13491	TSSOP8	SOT505-1
PCA9633DP2	Panel B - OM13492	TSSOP10	SOT552-1
PCA9633PW	Panel E - OM13495	TSSOP16	SOT403-1
PCA9633TK	Panel B - OM13492	HVSON8	SOT908-1
PCA9634BS	Panel C - OM13493	HVQFN20	SOT662-1
PCA9634D	#N/A	SO20	SOT163-1
PCA9634PW	Panel E - OM13495	TSSOP20	SOT360-1
PCA9635PW	Panel F - OM13496	TSSOP28	SOT361-1
PCA9646PW	Panel E - OM13495	TSSOP16	SOT403-1
PCA9665APW	Panel E - OM13495	TSSOP20	SOT360-1
PCA9665BS	Panel C - OM13493	HVQFN20	SOT662-1
PCA9665D	#N/A	SO20	SOT163-1
PCA9665PW	Panel E - OM13495	TSSOP20	SOT360-1
PCA9670BS	Panel D - OM13494	HVQFN16	SOT758-1
PCA9670D	#N/A	SO16	SOT162-1
PCA9670PW	Panel E - OM13495	TSSOP16	SOT403-1
PCA9671BS	Panel C - OM13493	HVQFN24	SOT616-1
PCA9671D	#N/A	SO24	SOT137-1
PCA9671PW	Panel E - OM13495	TSSOP24	SOT355-1
PCA9672BS	Panel D - OM13494	HVQFN16	SOT758-1
PCA9672D	#N/A	SO16	SOT162-1
PCA9672PW	Panel E - OM13495	TSSOP16	SOT403-1
PCA9673BS	Panel C - OM13493	HVQFN24	SOT616-1
PCA9673D	#N/A	SO24	SOT137-1
PCA9673PW	Panel E - OM13495	TSSOP24	SOT355-1
PCA9674ABS	Panel D - OM13494	HVQFN16	SOT758-1
PCA9674AD	#N/A	SO16	SOT162-1
PCA9674APW	Panel E - OM13495	TSSOP16	SOT403-1
PCA9674BS	Panel D - OM13494	HVQFN16	SOT758-1
PCA9674D	#N/A	SO16	SOT162-1
PCA9674PW	Panel E - OM13495	TSSOP16	SOT403-1
PCA9675BS	Panel C - OM13493	HVQFN24	SOT616-1
PCA9675D	#N/A	SO24	SOT137-1
PCA9675PW	Panel E - OM13495	TSSOP24	SOT355-1

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Panel Number	Panel Number	Package Name	Package SOT Number
PCA9685PW	Panel F - OM13496	TSSOP28	SOT361-1
PCA9701D	#N/A	SO24	SOT137-1
PCA9701HF	Panel G - OM13497	HWQFN24	SOT994-1
PCA9701PW	Panel E - OM13495	TSSOP24	SOT355-1
PCA9702PW	Panel E - OM13495	TSSOP16	SOT403-1
PCA9703HF	Panel G - OM13497	HWQFN24	SOT994-1
PCA9703PW	Panel E - OM13495	TSSOP24	SOT355-1
PCA9922PW	Panel E - OM13495	TSSOP16	SOT403-1
PCA9952TW	Panel G - OM13497	HTSSOP28	SOT1172-2
PCA9955TW	Panel G - OM13497	HTSSOP28	SOT1172-2
PCAL6408ABS	Panel D - OM13494	HVQFN16	SOT758-1
PCAL6408AHK	Panel A - OM13491	XQFN16	SOT1161-1
PCAL6408APW	Panel E - OM13495	TSSOP16	SOT403-1
PCAL6416AEV	Panel G - OM13497	VFBGA24	SOT1199-1
PCAL6416AEX	Panel G - OM13497	XFBGA24	SOT1342-1
PCAL6416AHF	Panel G - OM13497	HWQFN24	SOT994-1
PCAL6416APW	Panel E - OM13495	TSSOP24	SOT355-1
PCAL9535AHF	Panel G - OM13497	HWQFN24	SOT994-1
PCAL9535APW	Panel E - OM13495	TSSOP24	SOT355-1
PCAL9538ABS	Panel D - OM13494	HVQFN16	SOT758-1
PCAL9538APW	Panel E - OM13495	TSSOP16	SOT403-1
PCAL9539AHF	Panel G - OM13497	HWQFN24	SOT994-1
PCAL9539APW	Panel E - OM13495	TSSOP24	SOT355-1
PCAL9554BBS	Panel D - OM13494	HVQFN16	SOT758-1
PCAL9554BPW	Panel E - OM13495	TSSOP16	SOT403-1
PCAL9554CBS	Panel D - OM13494	HVQFN16	SOT758-1
PCAL9554CPW	Panel E - OM13495	TSSOP16	SOT403-1
PCAL9555AHF	Panel G - OM13497	HWQFN24	SOT994-1
PCAL9555APW	Panel E - OM13495	TSSOP24	SOT355-1
PCF85102C-2T	Panel A - OM13491	SO8	SOT96-1
PCF85103C-2T	Panel A - OM13491	SO8	SOT96-1
PCF8570T	#N/A	SO8	SOT176-1
PCF8574AT	#N/A	SO16	SOT162-1
PCF8574ATS	#N/A	SSOP20	SOT266-1
PCF8574T	#N/A	SO16	SOT162-1
PCF8574TS	#N/A	SSOP20	SOT266-1
PCF8575CTS	#N/A	SSOP24	SOT340-1
PCF8575TS	#N/A	SSOP24	SOT340-1
PCF8582C-2T	Panel A - OM13491	SO8	SOT96-1
PCF8584T	#N/A	SO20	SOT163-1
PCF8594C-2T	Panel A - OM13491	SO8	SOT96-1
PCF8598C-2T	#N/A	SO8	SOT176-1
PCT1075D	Panel A - OM13491	SO8	SOT96-1

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Panel Number	Panel Number	Package Name	Package SOT Number
PCT1075DP	Panel A - OM13491	TSSOP8	SOT505-1
PCT1075TP	Panel A - OM13491	HWSON8	SOT1069-2
PCT2075D	Panel A - OM13491	SO8	SOT96-1
PCT2075DP	Panel A - OM13491	TSSOP8	SOT505-1
PCT2075GV	Panel B - OM13492	TSOP6	SOT1353-1
PCT2075TP	Panel A - OM13491	HWSON8	SOT1069-2
PCU9654PW	Panel E - OM13495	TSSOP24	SOT355-1
PCU9655PW	Panel F - OM13496	TSSOP28	SOT361-1
PCU9655PW1	Panel F - OM13496	TSSOP28	SOT361-1
PCU9955TW	Panel G - OM13497	HTSSOP28	SOT1172-2
SA56004AD	Panel A - OM13491	SO8	SOT96-1
SA56004ADP	Panel A - OM13491	TSSOP8	SOT505-1
SA56004ATK	Panel A - OM13491	HVSON8	SOT782-1
SA56004BD	Panel A - OM13491	SO8	SOT96-1
SA56004BDP	Panel A - OM13491	TSSOP8	SOT505-1
SA56004CD	Panel A - OM13491	SO8	SOT96-1
SA56004CDP	Panel A - OM13491	TSSOP8	SOT505-1
SA56004DD	Panel A - OM13491	SO8	SOT96-1
SA56004DDP	Panel A - OM13491	TSSOP8	SOT505-1
SA56004ED	Panel A - OM13491	SO8	SOT96-1
SA56004EDP	Panel A - OM13491	TSSOP8	SOT505-1
SA56004ETK	Panel A - OM13491	HVSON8	SOT782-1
SA56004FD	Panel A - OM13491	SO8	SOT96-1
SA56004FDP	Panel A - OM13491	TSSOP8	SOT505-1
SA56004FTK	Panel A - OM13491	HVSON8	SOT782-1
SA56004GD	Panel A - OM13491	SO8	SOT96-1
SA56004GDP	Panel A - OM13491	TSSOP8	SOT505-1
SA56004HD	Panel A - OM13491	SO8	SOT96-1
SA56004HDP	Panel A - OM13491	TSSOP8	SOT505-1
SA601DK	#N/A	SSOP20	SOT266-1
SA602AD	Panel A - OM13491	SO8	SOT96-1
SA605D	#N/A	SO20	SOT163-1
SA605DK	#N/A	SSOP20	SOT266-1
SA606D	#N/A	SO20	SOT163-1
SA606DK	#N/A	SSOP20	SOT266-1
SA607DK	#N/A	SSOP20	SOT266-1
SA608DK	#N/A	SSOP20	SOT266-1
SA612AD	Panel A - OM13491	SO8	SOT96-1
SA615D	#N/A	SO20	SOT163-1
SA615DK	#N/A	SSOP20	SOT266-1
SA616BS	Panel D - OM13494	HVQFN20	SOT917-1
SA616DK	#N/A	SSOP20	SOT266-1
SA630D	Panel A - OM13491	SO8	SOT96-1

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Panel Number	Panel Number	Package Name	Package SOT Number
SA636BS	Panel D - OM13494	HVQFN20	SOT917-1
SA636DK	#N/A	SSOP20	SOT266-1
SA639DH	Panel E - OM13495	TSSOP24	SOT355-1
SE95D	Panel A - OM13491	SO8	SOT96-1
SE95DP	Panel A - OM13491	TSSOP8	SOT505-1
SE97BPW	Panel B - OM13492	TSSOP8	SOT530-1
SE97BTP	Panel A - OM13491	HWSON8	SOT1069-2
SE98APW	Panel B - OM13492	TSSOP8	SOT530-1
SE98ATP	Panel A - OM13491	HWSON8	SOT1069-2
TDA5051AT	#N/A	SO16	SOT162-1

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