



DATE: 16<sup>th</sup> April, 2021

PCN #: 2512

PCN Title: Qualified Additional Assembly & Test (A/T) Site

Dear Customer:

This is an announcement of change(s) to products that are currently being offered by Diodes Incorporated.

We request that you acknowledge receipt of this notification within 30 days of the date of this PCN. If you require samples for evaluation purposes, please make a request within 30 days as well. Otherwise, samples may not be built prior to this change. Please refer to the implementation date of this change as it is stated in the attached PCN form. Please contact your local Diodes sales representative to acknowledge receipt of this PCN and for any sample requests.

The changes announced in this PCN will not be implemented earlier than 90 days from the notification date stated in the attached PCN form.

Previously agreed upon customer specific change process requirements or device specific requirements will be addressed separately.

For questions or clarification regarding this PCN, please contact your local Diodes sales representative.

Sincerely,

Diodes Incorporated PCN Team



**PRODUCT CHANGE NOTICE**

**PCN-2512 REV 1**

<b>Notification Date:</b>	<b>Implementation Date:</b>	<b>Product Family:</b>	<b>Change Type:</b>	<b>PCN #:</b>
16 <sup>th</sup> April, 2021	16 <sup>th</sup> July, 2021	Analog Semiconductors	Qualified Additional A/T Site	<b>2512</b>
<b>TITLE</b>				
Qualified Additional Assembly & Test (A/T) Site				
<b>DESCRIPTION OF CHANGE</b>				
<p>This PCN is being issued to notify customers that in order to assure continuity of supply, Diodes has qualified an additional internal A/T site located in Chengdu, China (CAT), and Palladium coated Copper (PdCu) bond wire as additional Bill of Material (BOM) for select products.</p> <p>Full electrical characterization and high reliability testing has been completed on representative part numbers to ensure no change to device functionality or electrical specifications in the datasheet. Refer to the attached qualification report embedded in this file (to view, download this PCN file then open it with a PDF viewer to see the attached qual report).</p>				
<b>IMPACT</b>				
Continuity of Supply. No change in data sheet electrical parameters and product performance.				
<b>PRODUCTS AFFECTED</b>				
Table 1 - Qualified Additional A/T Site (CAT) and BOM (PdCu Wire) Table 2- Qualified Additional A/T Site (CAT)				
<b>WEB LINKS</b>				
<b>Manufacturer's Notice:</b>	<a href="https://www.diodes.com/quality/product-change-notices/diodes-product-change-notices/">https://www.diodes.com/quality/product-change-notices/diodes-product-change-notices/</a>			
<b>For More Information Contact:</b>	<a href="http://www.diodes.com/contacts">http://www.diodes.com/contacts</a>			
<b>Data Sheet:</b>	<a href="http://www.diodes.com/products">http://www.diodes.com/products</a>			
<b>DISCLAIMER</b>				
<b>Unless a Diodes Incorporated Sales representative is contacted in writing within 30 days of the posting of this notice, all changes described in this announcement are considered approved.</b>				

**Table 1 - Qualified Additional A/T Site (CAT) and BOM (PdCu Wire)**

74AHC138S16-13	AH49FDNTR-G1	AP2142MPG-13	AP22811AW5-7	AP2511M8-13	AP7332-1528FM-7
74AHC164S14-13	AH49FNTR-G1	AP2142SG-13	AP22811BM8-13	AP2511MP-13	AP7332-1530FM-7
74AHC594S16-13	AH5773-FDC-7	AP2151AMP-13	AP22811BW5-7	AP2511S-13	AP7332-1533FM-7
74AHC595S16-13	AH5773-MP-13	AP2151AS-13	AP2281-1FMG-7	AP3401DNTR-G1	AP7332-1827FM-7
74AHCT138S16-13	AH8500-FDC-7	AP2151AW-7	AP2281-3FMG-7	AP3401KTTR-G1	AP7332-1828FM-7
74AHCT595S16-13	AH8501-FDC-7	AP2151DMPG-13	AP22814AM8-13	AP34063S8G-13	AP7332-1830FM-7
74AVC1T45DW-7	AH8502-FDC-7	AP2151MPG-13	AP22814AW5-7	AP3428AKTTR-G1	AP7332-1833FM-7
74AVCH1T45DW-7	AH8503-FDC-7	AP2152MPG-13	AP22814BM8-13	AP3428DNTR-G1	AP7332-2530FM-7
74AVCH1T45FW5-7	AH9246-W-7	AP2152SG-13	AP22814BW5-7	AP3428KTTR-G1	AP7332-2833FM-7
74HC138S16-13	AH9247-W-7	AP2161AMP-13	AP22966DC8-7	AP3441LSHE-7B	AP7332-3333FM-7
74HC164S14-13	AH9250-W-7	AP2161AS-13	AP2301AFGE-7	AP3441SHE-7B	AP7343-09W5-7
74HC595S16-13	AH9251-W-7	AP2161AW-7	AP2301AM8-13	AP431AG-13	AP7343-105W5-7
74HCT138S16-13	AL3065S16-13	AP2161DM8G-13	AP2301AS-13	AP431ARG-7	AP7343-10W5-7
74HCT594S16-13	AL5809-15S1-7	AP2161DMPG-13	AP2301FGEG-7	AP431AWG-7	AP7343-11W5-7
74HCT595S16-13	AL5809-20S1-7	AP2161MPG-13	AP2301MPG-13	AP431AYG-13	AP7343-12W5-7
74LV00AS14-13	AL5809-25S1-7	AP2162MPG-13	AP2301SG-13	AP431AYG-13R	AP7343-15W5-7
74LV04AS14-13	AL5809-30S1-7	AP2162SG-13	AP2303MTR-G1	AP431G-13	AP7343-185W5-7
74LV05AS14-13	AL5809-40S1-7	AP2171AS-13	AP2311AFGE-7	AP431RG-7	AP7343-18W5-7
74LV06AS14-13	AL5809-50S1-7	AP2171AW-7	AP2311AMP-13	AP431SARTR-G1	AP7343-22W5-7
74LV07AS14-13	AL5811FF-7	AP2171DM8G-13	AP2311AS-13	AP431SBRTR-G1	AP7343-25W5-7
74LV08AS14-13	AL5811MP-13	AP2171DMPG-13	AP2311FGEG-7	AP431SHARTR-G1	AP7343-28W5-7
74LV132AS14-13	AL5812-3FF-7	AP2171MPG-13	AP2311M8G-13	AP431SHBRTR-G1	AP7343-30W5-7
74LV14AS14-13	AL5812FF-7	AP2172MPG-13	AP2311MPG-13	AP431WG-7	AP7343-33W5-7
74LV32AS14-13	AL5812MP-13	AP2172SG-13	AP2311SG-13	AP431YG-13	AP7343D-09W5-7
74LV86AS14-13	AL5890-10Y-13	AP2181AMP-13	AP2330W-7	AP431YG-13R	AP7343D-10W5-7
74LVC1G3157DW-7	AL5890-15Y-13	AP2181AS-13	AP2331FJ-7	AP5100WG-7	AP7343D-11W5-7
74LVC1G32W5-7	AL5890-20Y-13	AP2181AW-7	AP2331W-7	AP65550FN-7	AP7343D-12W5-7
74LVC1G34W5-7	AL5890-30Y-13	AP2181DMPG-13	AP2401AM8-13	AP7173-FNG-7	AP7343D-135W5-7
AH173-WG-7-A	AL5890-40Y-13	AP2181MPG-13	AP2401AS-13	AP7173-SPG-13	AP7343D-13W5-7
AH173-WG-7-B	AL6562AS-13	AP2182SG-13	AP2401MP-13	AP7176BFN-7	AP7343D-15W5-7
AH1751-WG-7-A	AL6562S-13	AP2191AS-13	AP2401S-13	AP7176BMP-13	AP7343D-17W5-7
AH175-WG-7-A	AL8861Y-13	AP2191AW-7	AP2411AMP-13	AP7176BSP-13	AP7343D-185W5-7
AH175-WG-7-B	AL9901S16-13	AP2191DM8G-13	AP2411AS-13	AP7217-33SG-13	AP7343D-18W5-7
AH1804-FA-7	AL9902S16-13	AP2191DMPG-13	AP2411FGE-7	AP7312-1218FM-7	AP7343D-19W5-7
AH1806-W-7	AP1510SG-13	AP2191MPG-13	AP2411MP-13	AP7312-1233FM-7	AP7343D-20W5-7
AH1807-W-7	AP1513SG-13	AP2192MPG-13	AP2411S-13	AP7312-1525FM-7	AP7343D-21W5-7
AH1808-W-7	AP1534SG-13	AP2192SG-13	AP2501AM8-13	AP7312-1533FM-7	AP7343D-22W5-7
AH1809-W-7	AP2125N-1.8TRG1	AP2280-1FMG-7	AP2501AMP-13	AP7312-1828FM-7	AP7343D-23W5-7
AH180N-WG-7	AP2125N-2.5TRG1	AP2280-2FMG-7	AP2501AS-13	AP7312-1830FM-7	AP7343D-25W5-7
AH180-WG-7	AP2125N-2.8TRG1	AP22803AM8-13	AP2501MP-13	AP7312-1833FM-7	AP7343D-26W5-7
AH1815-W-7	AP2125N-3.3TRG1	AP22804AM8-13	AP2501S-13	AP7312-3333FM-7	AP7343D-27W5-7
AH372-SA-7	AP2125N-4.2TRG1	AP22804AW5-7	AP2511AM8-13	AP7332-1010FM-7	AP7343D-28W5-7
AH372-W-7	AP2127N3-1.2TRG1	AP22804BM8-13	AP2511AMP-13	AP7332-1033FM-7	AP7343D-29W5-7
AH374-SA-7	AP2141DMPG-13	AP22804BW5-7	AP2511AS-13	AP7332-1218FM-7	AP7343D-30W5-7
AH374-W-7	AP2141MPG-13	AP22811AM8-13	AP2511FGE-7	AP7332-1233FM-7	AP7343D-32W5-7

**Table 1 (cont.) - Qualified Additional A/T Site (CAT) and BOM (PdCu Wire)**

AP7343D-33W5-7	AP7361C-12SPR-13	AP7363-33E-13	PAM2301CAAB330	PAM2863ECR	TL431BS-13
AP7343D-35W5-7	AP7361C-12Y5-13	AP7363-33SP-13	PAM2301CAABADJ	PAM2863ECR-A	TLC271ACS-13
AP7343D-36W5-7	AP7361C-15E-13	APR34509LMPTR-G1	PAM2304AABADJ	PAM2863ECR-B	TLC271AIS-13
AP7361-10E-13	AP7361C-15ER-13	APX4558IS-13	PAM2304BKFADJ	PAM3110ABA120R	TLC271BCS-13
AP7361-10ER-13	AP7361C-15SP-13	APX4558S-13	PAM2305AAB120	PAM3110ABA150R	TLC271CS-13
AP7361-12E-13	AP7361C-15SPR-13	APX803-29SAG-7	PAM2305CGF120	PAM3110ABA330R	TLC27L1AIS-13
AP7361-12ER-13	AP7361C-15Y5-13	APX803-44SRG-7	PAM2305CGFADJ	PAM3110BBA330R	TLC27L1BCS-13
AP7361-12Y-13	AP7361C-18E-13	APX803D-29SAG-7	PAM2305DABADJ	PAM3110BBA500R	TLC27L1BIS-13
AP7361-15E-13	AP7361C-18ER-13	AZ431BR-ATRE1	PAM2306AYPKE	PAM3112DAB120	TLC27L1IS-13
AP7361-15ER-13	AP7361C-18SP-13	AZV321KSTR-G1	PAM2306DYPAA	PAM3116ABLBADJR	TLV271CS-13
AP7361-15Y-13	AP7361C-18SPR-13	GPR34509LMPTR-G1	PAM2308BYMAA	PAM3116BLBADJR	TLV271CW5-7
AP7361-18E-13	AP7361C-18Y5-13	LM2901AS14-13	PAM2310BECADJR	PAM8003DR	TLV271IS-13
AP7361-18ER-13	AP7361C-25E-13	LM2901S14-13	PAM2321AYMADJ	PAM8004DR	TLV271IW5-7
AP7361-25E-13	AP7361C-25ER-13	LM2902AS14-13	PAM2401SCADJ	PAM8008DR	TLV272CM8-13
AP7361-25ER-13	AP7361C-25SP-13	LM2902S14-13	PAM2401YPADJ	PAM8301AAF	TLV272CS-13
AP7361-25Y-13	AP7361C-25SPR-13	LM2903AM8-13	PAM2422AECADJR	PAM8302AADCR	TLV272IM8-13
AP7361-28E-13	AP7361C-25Y5-13	LM2903AS-13	PAM2423AECADJR	PAM8302AASCR	TLV272IS-13
AP7361-28ER-13	AP7361C-28E-13	LM2903M8-13	PAM2431AECADJR	PAM8302AAYCR	TLV431AFTA
AP7361-33E-13	AP7361C-28ER-13	LM2903S-13	PAM2800AABR	PAM8303CBSC	TLV431TFTA
AP7361-33ER-13	AP7361C-28Y5-13	LM2904AM8-13	PAM2803AAF095	PAM8303CBYC	TLV431TQFTA
AP7361-33SP-13	AP7361C-33E-13	LM2904AS-13	PAM2804AAB010	PAM8304ASR	ZLDO1117G12TA
AP7361-33Y-13	AP7361C-33ER-13	LM2904M8-13	PAM2808BLBR	PAM8304AYR	ZLDO1117G15TA
AP7361C-10E-13	AP7361C-33SP-13	LM2904S-13	PAM2841GR	PAM8403DR	ZLDO1117G18TA
AP7361C-10ER-13	AP7361C-33SPR-13	LM4041DADJFTA	PAM2841SR	PAM8403DR-H	ZLDO1117G25TA
AP7361C-10SP-13	AP7361C-33Y5-13	LMV331SE-7	PAM2861ABR	PAM8406DR	ZLDO1117G33TA
AP7361C-10SPR-13	AP7361C-Y5-13	LMV331W5-7	PAM2861ABR-A	PAM8407DR	ZLDO1117G50TA
AP7361C-10Y5-13	AP7361-Y-13	LMV393M8-13	PAM2861ABR-B	PAM8408DR	ZLDO1117GTA
AP7361C-12E-13	AP7363-12E-13	LMV393S-13	PAM2861CBR	PAM8908JER	ZXBM5210-S-13
AP7361C-12ER-13	AP7363-18E-13	NA555S-13	PAM2861CBR-A	SA555S-13	ZXBM5210-SP-13
AP7361C-12SP-13	AP7363-25E-13	NE555S-13	PAM2861CBR-B	TL431AS-13	ZXNB4202JA16TC

**Table 2 - Qualified Additional A/T Site (CAT)**

74AHC00S14-13	74LVC14AS14-13	AP2146ASG-13	AP2192ASG-13	AP7342-3328FS6-7	AP7354-18SA-7
74AHC04S14-13	74LVC1T45W6-7	AP2146MPG-13	AP2196MPG-13	AP7342D-1218FS6-7	AP7354-18W5-7
74AHC05S14-13	74LVC32AS14-13	AP2146SG-13	AP2196SG-13	AP7342D-1528FS6-7	AP7354-22SA-7
74AHC08S14-13	74LVC86AS14-13	AP21510FM-7	AP22850SH8-7	AP7342D-1815FS6-7	AP7354-25SA-7
74AHC125S14-13	AH1812-FA-7	AP2151AFM-7	AP3402KTTR-G1	AP7342D-1818FS6-7	AP7354-25W5-7
74AHC126S14-13	AH1893-FA-7	AP2151DFMG-7	AP3405SHE-7	AP7342D-1828FS6-7	AP7354-28SA-7
74AHC14S14-13	AH1894-FA-7	AP2151DWG-7	AP3445LW6-7	AP7342D-1833FS6-7	AP7354-28W5-7
74AHC32S14-13	AH1895-FA-7	AP2151FMG-7	AP3445W6-7	AP7342D-2518FS6-7	AP7354-30SA-7
74AHC86S14-13	AH1897-FA-7	AP2152AFGEG-7	AP431SAN1TR-G1	AP7342D-2812FS6-7	AP7354-30W5-7
74AHCT00S14-13	AH1897S-FAN-7	AP2152AMPG-13	AP431SANTR-G1	AP7342D-2818FS6-7	AP7354-33SA-7
74AHCT04S14-13	AH1902-FA-7	AP2152ASG-13	AP431SBN1TR-G1	AP7342D-2825FS6-7	AP7354-33W5-7
74AHCT08S14-13	AH1903-FA-7	AP2156MPG-13	AP431SBNTR-G1	AP7342D-2833FS6-7	AP7354-45SA-7
74AHCT125S14-13	AH1911-W-7	AP2156SG-13	AP431SHAN1TR-G1	AP7342D-3018FS6-7	AP7354-45W5-7
74AHCT126S14-13	AH1912-FA-7	AP2161AFM-7	AP431SHANTR-G1	AP7342D-3028FS6-7	AP7354D-12W5-7
74AHCT14S14-13	AH1912-W-7	AP2161DFMG-7	AP431SHBN1TR-G1	AP7342D-3030FS6-7	AP7354D-15W5-7
74AHCT32S14-13	AH1913-W-7	AP2161DWG-7	AP431SHBNTR-G1	AP7342D-3318FS6-7	AP7354D-185W5-7
74AHCT86S14-13	AH1921-W-7	AP2161FMG-7	AP6502SP-13	AP7342D-3328FS6-7	AP7354D-18W5-7
74AHCU04S14-13	AH3360-FA-7	AP2162AFGEG-7	AP6503SP-13	AP7342D-3330FS6-7	AP7354D-28W5-7
74AVC1T45W6-7	AL1788W6-7	AP2162AMPG-13	AP7315-11SR-7	AP7342D-3333FS6-7	AP7354D-30W5-7
74AVCH1T45W6-7	AL3050FDC-7	AP2162ASG-13	AP7315-12SA-7	AP7342D-3612FS6-7	AP7354D-33W5-7
74HC00S14-13	AL5814MP-13	AP2166SG-13	AP7315-12SR-7	AP7346D-1218FS6-7	AP7354D-45W5-7
74HC04S14-13	AL5815W5-7	AP2171AFM-7	AP7315-18SR-7	AP7346D-1528FS6-7	AP7366-10W5-7
74HC05S14-13	AL5816W5-7	AP2171DFMG-7	AP7315-18W5-7	AP7346D-1815FS6-7	AP7366-12W5-7
74HC08S14-13	AL5817MP-13	AP2171DWG-7	AP7315-25SR-7	AP7346D-1818FS6-7	AP7366-15W5-7
74HC125S14-13	AL8820SP-13	AP2171FMG-7	AP7315-25W5-7	AP7346D-1828FS6-7	AP7366-18SN-7
74HC126S14-13	AL8821SP-13	AP2172AFGEG-7	AP7315-28SA-7	AP7346D-1833FS6-7	AP7366-18W5-7
74HC14S14-13	AP2101MPG-13	AP2172AMPG-13	AP7315-28SR-7	AP7346D-2518FS6-7	AP7366-20W5-7
74HC32S14-13	AP2101SG-13	AP2172ASG-13	AP7315-28W5-7	AP7346D-2812FS6-7	AP7366-25W5-7
74HC86S14-13	AP2111MPG-13	AP2176MPG-13	AP7315-30SA-7	AP7346D-2818FS6-7	AP7366-28SN-7
74HCT00S14-13	AP2111SG-13	AP2176SG-13	AP7315-30SR-7	AP7346D-2825FS6-7	AP7366-28W5-7
74HCT04S14-13	AP2112R5-3.3TRG1	AP2181AFM-7	AP7315-30W5-7	AP7346D-2833FS6-7	AP7366-30W5-7
74HCT08S14-13	AP2112R5A-1.2TRG1	AP2181DFMG-7	AP7315-33SA-7	AP7346D-3018FS6-7	AP7366-33SN-7
74HCT125S14-13	AP2112R5A-3.3TRG1	AP2181DWG-7	AP7315-33SR-7	AP7346D-3028FS6-7	AP7366-33W5-7
74HCT126S14-13	AP2115R5-1.2TRG1	AP2181FMG-7	AP7315-33W5-7	AP7346D-3030FS6-7	AP7366-36SN-7
74HCT14S14-13	AP2115R5-2.5TRG1	AP2182AFGEG-7	AP7315D-12W5-7	AP7346D-3318FS6-7	AP7366-36W5-7
74HCT32S14-13	AP2115R5-3.3TRG1	AP2182AMPG-13	AP7315D-185W5-7	AP7346D-3328FS6-7	AP7366-39W5-7
74HCT86S14-13	AP2115R5A-2.5TRG1	AP2182ASG-13	AP7315D-18W5-7	AP7346D-3330FS6-7	AP7366-SN-7
74HCU04S14-13	AP2115R5A-3.3TRG1	AP2186MPG-13	AP7315D-25W5-7	AP7346D-3333FS6-7	AP7366-W5-7
74LVC00AS14-13	AP21410FM-7	AP2186SG-13	AP7315D-28W5-7	AP7346D-3612FS6-7	AP7370-12FDC-7
74LVC04AS14-13	AP2141DFMG-7	AP2191DFMG-7	AP7315D-30W5-7	AP7354-12SA-7	AP7370-33FDC-7
74LVC06AS14-13	AP2141DWG-7	AP2191DWG-7	AP7315D-32W5-7	AP7354-12W5-7	AP7370-50FDC-7
74LVC07AS14-13	AP2141FMG-7	AP2191FMG-7	AP7315D-33W5-7	AP7354-15SA-7	AP7383-50FDC-7
74LVC08AS14-13	AP2142AFGEG-7	AP2191HWG-7	AP7330D-W5-7	AP7354-15W5-7	APR34309CAMPTR-G1
74LVC125AS14-13	AP2142AMPG-13	AP2192AFGEG-7	AP7330-W5-7	AP7354-185SA-7	APR34309CMPTR-G1
74LVC126AS14-13	AP2142ASG-13	AP2192AMPG-13	AP7342-3028FS6-7	AP7354-185W5-7	APR34309MPTR-G1

**Table 2 (cont.) - Qualified Additional A/T Site (CAT)**

APR34330CMPTR-G1	APX803L-12W5-7	APX803L20-35C3-7	APX803L-46C3-7	GPR34330SMPTR-G1	PT7M825SSE-7
APR34509MPTR-G1	APX803L20-17C3-7	APX803L-22W5-7	APX803L-50C3-7	GPR34509MPTR-G1	PT7M825SW5-7
APR34709SP-13	APX803L20-18C3-7	APX803L-26W5-7	CYR54709SP-13	GPR347W6-7	ULN2003F12FN-7
APR347W6-7	APX803L20-26C3-7	APX803L-27W5-7	GPR34330B1MPTR-G1	PT7M7809RTE+DLX	ULN2003V12S16-13
APX803L05-29C3-7	APX803L20-29C3-7	APX803L-29C3-7	GPR34330BMPTR-G1	PT7M823SSE-7	ZXRE330ASA-7
APX803L05-29W-7	APX803L20-29W5-7	APX803L-29W-7	GPR34330BMPTR-G1-1	PT7M823SW5-7	ZXRE330ESA-7
APX803L05-30C3-7	APX803L20-29W-7	APX803L-33C3-7	GPR34330BSMPTR-G1	PT7M824SSE-7	
APX803L05-31C3-7	APX803L20-31C3-7	APX803L-34C3-7	GPR34330CMPTR-G1	PT7M824SW5-7	