



# Process Change Notification

PCN Number: PCN-2020-141

PCN Notification Date: 12/21/2020

## Advance PCN

Key Foundry Co., Ltd. BEOL (Back End of Line) Process Change

Dear Customer,

This is an Advance PCN (Process Change Notification) announcement for change(s) to products that are currently being offered by Cirrus Logic.

As a byproduct of the recent acquisition of MagnaChip (Site 4) by Key Foundry Co., Ltd., the BEOL (Back End of Line) process is being aligned and enhanced with the adoption of a new Process of Record (POR) for all products manufactured with technologies greater than 250 nano-meters:

Category	Module	Process	Current POR	New POR
Process Change	IMD Module (Inter-Metal Dielectric)	Gap Fill	SOG (Spin on Glass)	HDP CVD (Chemical Vapor Deposition)
		IMD Planarization	CMP	CMP
	Via Module	W Fill	W CVD	W CVD
		W (Tungsten) Removal	Etch Back	CMP (Chemical Mechanical Polish)

An Initial PCN will be issued within 6 months of this Advance PCN notification with the detail describing the qualification process. The qualification process will be carried out at a technology level and will follow the Cirrus Logic qualification guidelines and meet the JEDEC standards as well as AEC-Q100 as applicable. Thereafter, the Final PCN will be issued upon completion of the successful qualification; targeted for end of 2021.

Attached you will find a list of Cirrus Logic part numbers in each of the technologies impacted by this impending process change. We request your receipt acknowledgement of this Advance PCN notification within 30 days.

If you have any questions, please contact your local Sales Representative.

Sincerely,

Quality Systems Administrator  
Cirrus Logic Corporate Quality  
Phone: +1(512) 851-4000



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## Products Affected:

The devices listed on this page are the complete list of affected devices. According to our records, these are the devices that you have purchased within the past twenty-four (24) months. The corresponding customer part number is also listed, if available.

### Product Affected:

Cirrus Logic Part Number(s)					
1	CS3308-CQZ	32	CS4272-CZZ	63	CS5460A-BSZ
2	CS3308-CQZR	33	CS4272-CZZR	64	CS5460A-BSZR
3	CS3318-CQZ	34	CS4272-DZZ	65	CS5460C-ISZ
4	CS3318-CQZR	35	CS4272-DZZR	66	CS5460F-ISZ
5	CS42416-CQZ	36	CS4392-KZZ	67	CS5461A-ISZ
6	CS42416-CQZR	37	CS4392-KZZR	68	CS5461A-ISZR
7	CS42418-CQZ	38	CS4398-CNZR	69	CS5462-ISZ
8	CS42418-CQZR	39	CS4398-CZZ	70	CS5463-ISZ
9	CS42426-CQZ	40	CS4398-CZZR	71	CS5463-ISZR
10	CS42426-CQZR	41	CS5345-CQZR	72	CS5464-ISZ
11	CS42426-DQZR	42	CS5346-CQZ	73	CS5464-ISZR
12	CS42428-CQZ	43	CS5346-CQZR	74	CS5467-ISZ
13	CS4245-CQZ	44	CS5346-DQZ	75	CS5467-ISZR
14	CS4245-CQZR	45	CS5346-DQZR	76	CS5550-ISZ
15	CS4245-DQZ	46	CS5351-DZZ	77	CS5550-ISZR
16	CS4245-DQZR	47	CS5351-DZZR	78	CS8416-CNZ
17	CS42516-CQZ	48	CS5351-KSZ	79	CS8416-CNZR
18	CS42516-CQZR	49	CS5351-KZZ	80	CS8416-CSZ
19	CS42518-CQZ	50	CS5351-KZZR	81	CS8416-CSZR
20	CS42518-CQZR	51	CS5361-DZZ	82	CS8416-CZZ
21	CS42526-CQZ	52	CS5361-DZZR	83	CS8416-CZZR
22	CS42526-CQZR	53	CS5361-KSZ	84	CS8416-DZZ
23	CS42528-CQZ	54	CS5361-KSZR	85	CS8900A-CQ3Z
24	CS42528-CQZR	55	CS5361-KZZ	86	CS8900A-CQ3ZR
25	CS4265-CNZ	56	CS5361-KZZR	87	CS8900A-CQZ
26	CS4265-CNZR	57	CS5363-DZZ	88	CS8900A-CQZR
27	CS4265-DNZ	58	CS5363-DZZR	89	CS8900A-IQ3Z
28	CS4271-CZZ	59	CS5381-KSZ	90	CS8900A-IQ3ZR
29	CS4271-CZZR	60	CS5381-KSZR	91	CS8900A-IQZ
30	CS4271-DZZ	61	CS5381-KZZ	92	CS8900A-IQZR
31	CS4271-DZZR	62	CS5381-KZZR	93	WM8940CGEFL/RV
				94	WM8940CGEFL/V