



<http://wiki.homerecz.com>



---

.....	1
.....	1
.....	1
.....	1
<b>THAT6263</b> .....	5
<b>THAT6263</b> .....	5
.....	8
.....	8
.....	8
.....	8





# THAT6263

	Digitally-Controlled Preamp Chip Sets							All-In-One Digitally-Controlled Preamp Amplifiers		
	1580/ 5171	1580/ 5173	1583/ 5173		1580/ 5263	1583/ 5263		6261 (per channel)	6263 (per channel)	6266 (per channel)
Gain Range	5.6, 13.6 - 68.6 dB (0, 8-63dB with/ 5.6 dB attenuation)	0 - 60 dB			0 - 51 dB			42 dB	42 dB	42 dB
Step Size	1 dB	3 dB						1 dB	3 dB	6 dB
Max Gain Error										
Typ	0.15 dB	0.2 dB	0.2 dB	0-39	±0.5 dB	±0.5 dB	-38	±0.2 dB	±0.2 dB	±0.2 dB
Max	0.5 dB	0.5 dB	0.5 dB	42-51	±1.0 dB	±1.0 dB	30-34	±0.3 dB	±0.3 dB	±0.3 dB
EIN, Rs=150Ω										
0dB	-108 dBu	-106 dBu	-100 dBu	0dB	-102.3 dBu	-95.5 dBu		-127 dBu (max gain)	-127 dBu (max gain)	-127 dBu (max gain)
30dB	-124 dBu	-122 dBu	-118 dBu	21dB	-119.5 dBu	-116 dBu				
60dB	-128 dBu	-127 dBu	-125 dBu	51dB	-128.5 dBu	-126.2 dBu				
THD+N 21dB	0.0003%	0.0005%	0.0006%	24dB	0.003 %	0.003 %	10 dB -8 dB	0.0015 % 0.05 %	0.0015 % 0.05 %	0.0015 % 0.05 %
Max Input										
0dB	21 dBu	26 dBu	26.4 dBu	0dB	+27.5 dBu	26.4 dBu	-8 dB	16.5 dBu	16.5 dBu	16.5 dBu
30dB	-3 dBu	-3 dBu	-3 dBu	21dB	-2.3 dBu	-2.3 dBu				
60dB	-33 dBu	-33 dBu	-33 dBu	51dB	-23.3 dBu	-23.3 dBu				
Supply Voltage	± 5 V to ± 17 V	± 5 V to ± 17 V			± 5 V to ± 17 V			±5V, +5V or +10V	±5V, +5V or +10V	±5V, +5V or +10V
Supply Current										
	7.9mA (1580) 8.3mA (5171) 16.2mA (Total)	7.9mA (1580) 7.6mA (5173) 15.5mA (Total)	7.0mA (1583) 7.6mA (5173) 14.6mA (Total)		7.9mA (1580) 0.8mA (5263) 8.7mA (Total)	7.0mA (1583) 0.8mA (5263) 7.8mA (Total)		3 mA	3 mA	3 mA
Packages	QFN-16 (1580) QFN-32 (5171)	QFN-16 (1580/1583) QFN-24 (5173)			QFN-16 (1580/1583) QFN-24 (5263)			QFN-48	QFN-48	QFN-48

# THAT6263

Op-Amp

) 가

Max input level

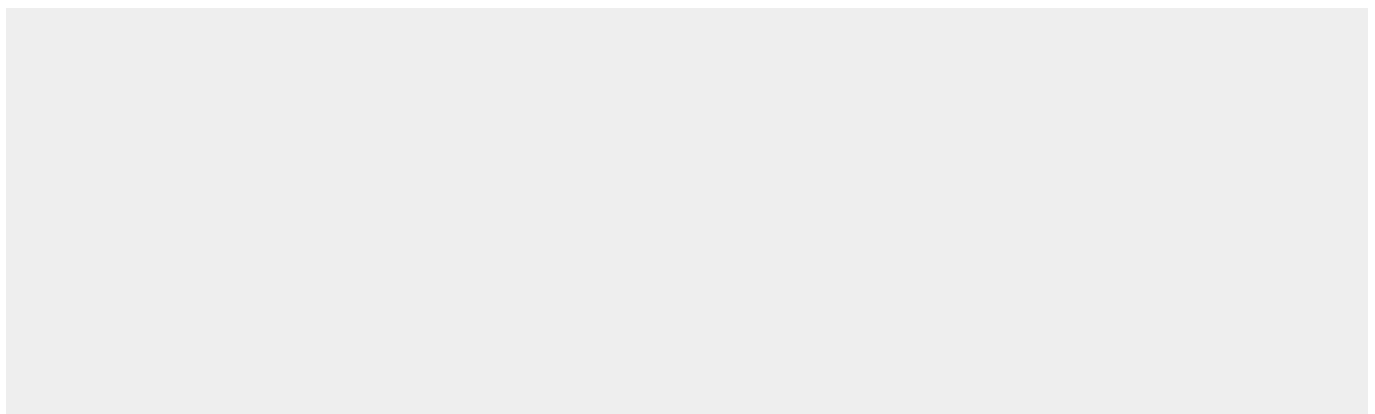
Gain range

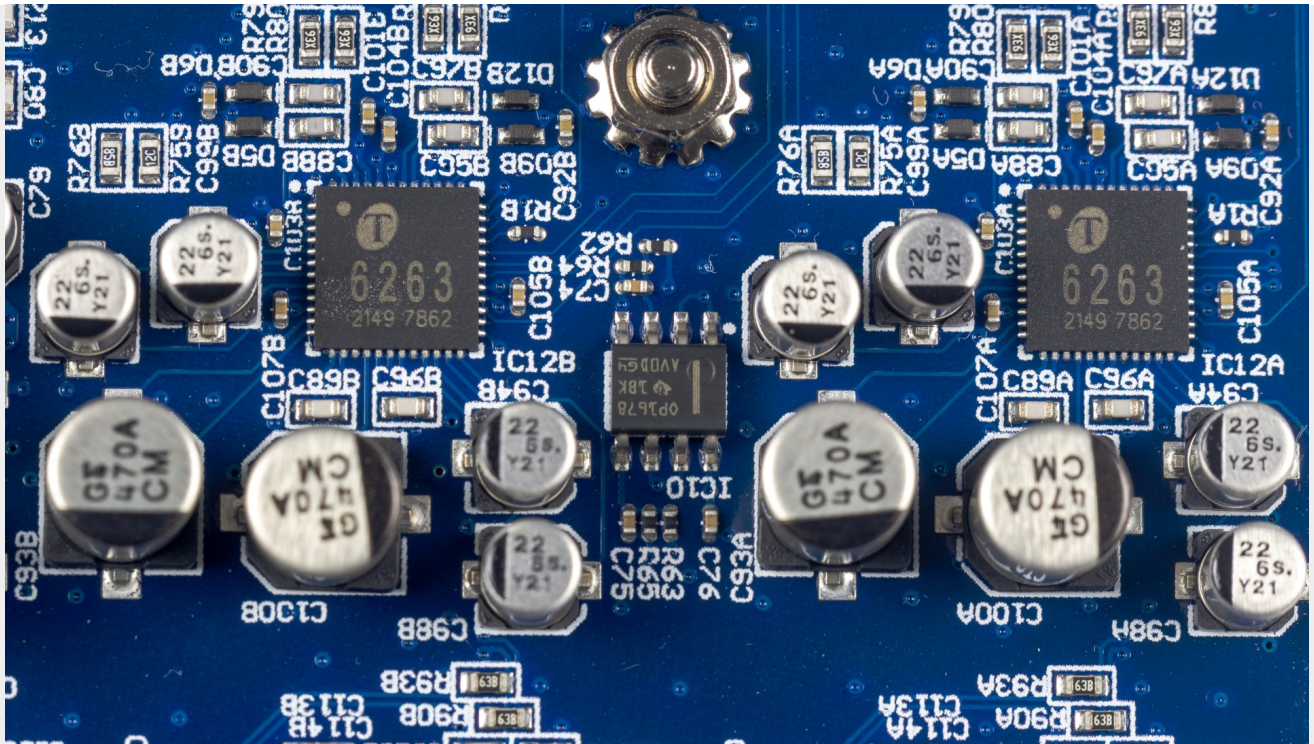
Op-Amp

(

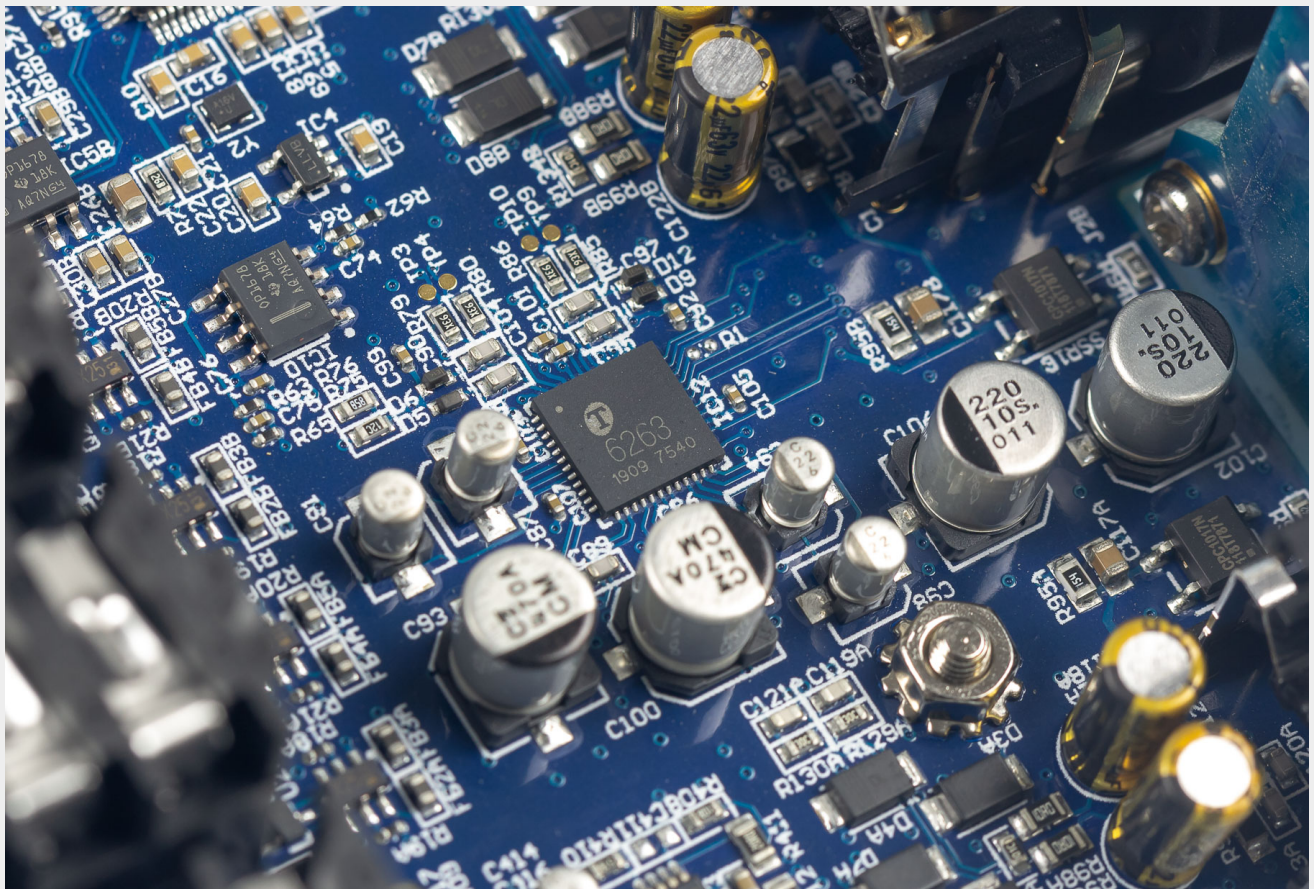
가

- Scarlett 4th GEN



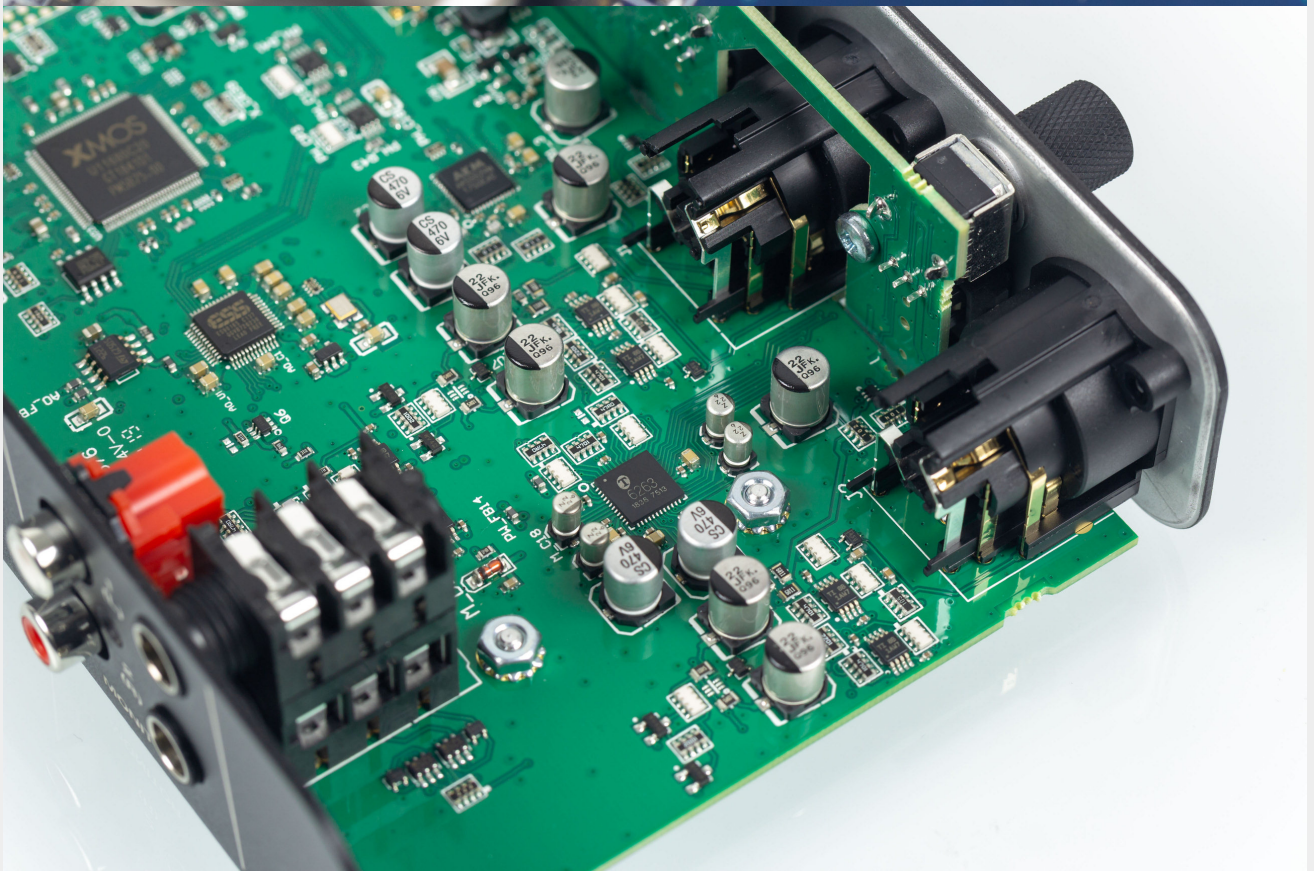
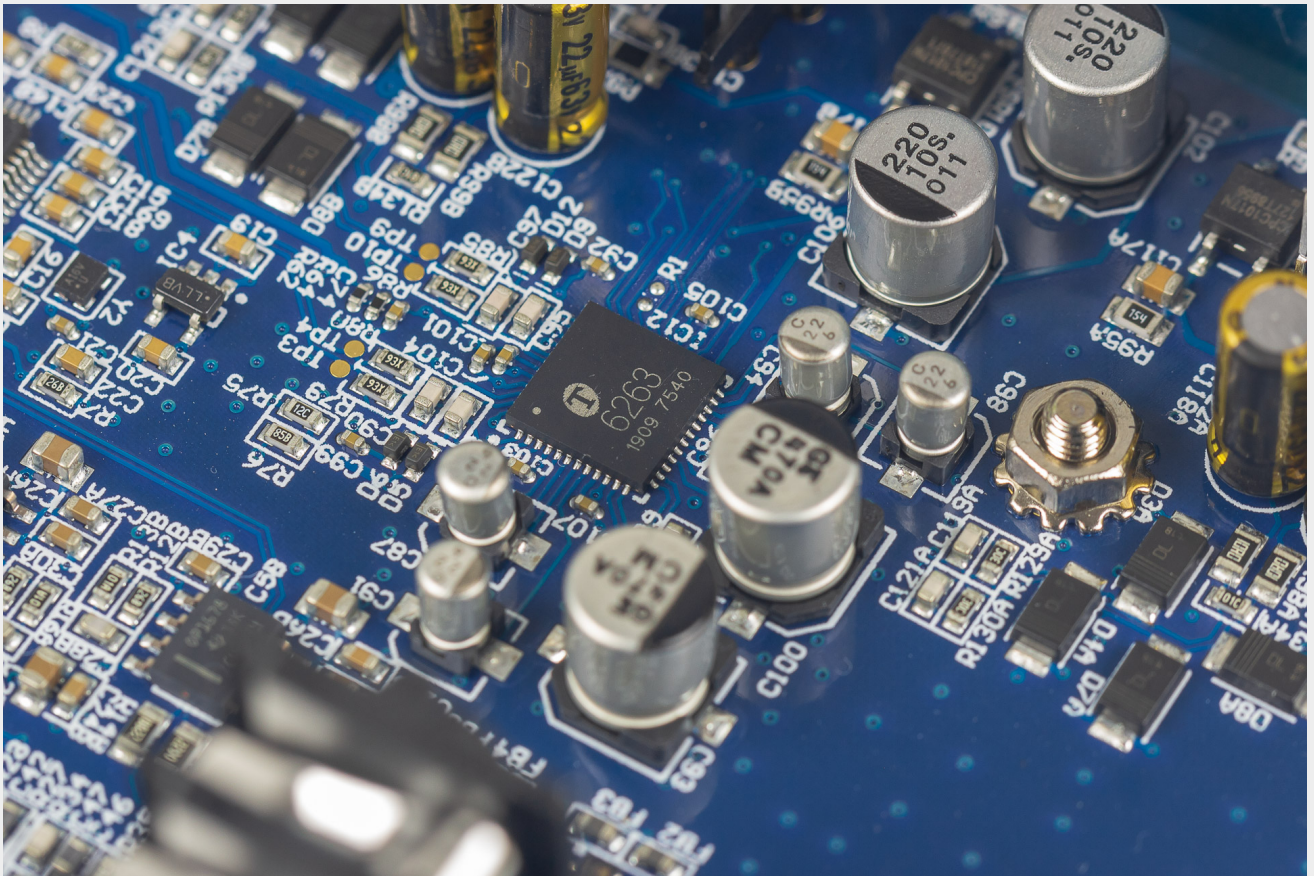


MOTU M6

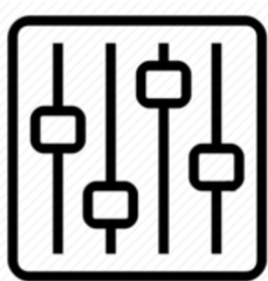


MOTU M4





MOTU M2



<http://wiki.homerecz.com>

From:

<https://wiki.homerecz.com/> -

Last update: **2025/04/04**

: (admin@homerecz.com)