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**Recommended Analog Devices
Military Grade Part Cross-Reference**

Recommended Analog Devices Military Grade Part Cross-Reference

This cross-reference guide lists the recommended Analog Devices military grade replacement for products manufactured by AMD, Burr-Brown, Elantec, Motorola, and Philips. This guide covers 'direct replacement' products from Analog Devices and those with minor specification differences. This guide also lists the complete manufacturer's model number and generic functional description.

Analog Devices has been committed to supporting our military and aerospace customers for three decades, and we plan to continue and enhance our support long into the future. While other suppliers have abandoned this market, we have expanded our military offerings and broadened our product portfolio to span the entire signal chain -- from precision sensors, signal conditioners, and data converters to microprocessor interface solutions and digital signal processors.

We are committed to continued leadership in meeting the unique demands and challenges of signal processing and, most importantly, our customers.

The best way to avoid the problems associated with finding replacements for discontinued military products is to design-in parts from ***Analog Devices - the leader in military IC signal processing.***

| <u>MFR</u> | <u>MFR PN</u> | <u>FUNCTION</u> | <u>RECOMMENDED ADI MILITARY GRADE PART</u> | <u>COMMENTS</u> |
|--------------------|---------------|-----------------|--|------------------------|
| AMD: | | | | |
| | AM6685/BEA | Comp | 8600804EA AD96685TQ/883B | Direct Replacement |
| | AM6685/BIA | Comp | 8600804IA AD96685TH/883B | Direct Replacement |
| | AM6685/BIC | Comp | 8600804IA AD96685TH/883B | Direct Replacement |
| | AM6685XM | Comp | 86008042A AD96685TE/883B | Slight spec difference |
| | AM6687/BEA | Comp | 7801903EA AD96687TQ/883B | Direct Replacement |
| | AM685XL | Comp | 86008042A AD96685TE/883B | Direct Replacement |
| | AM685XM | Comp | 86008042A AD96685TE/883B | Direct Replacement |
| | AM687/BEA | Comp | 7801903EA AD96687TQ/883B | Direct Replacement |
| | AM687A/BEA | Comp | 7801903EA AD96687TQ/883B | Direct Replacement |
| | AM687A/LMC | Comp | 78019032A AD96687TE/883B | Direct Replacement |
| | AM687ALMB | Comp | 78019032A AD96687TE/883B | Slight spec difference |
| | AM687AXM | Comp | 78019032A AD96687TE/883B | Slight spec difference |
| | AM687LMB | Comp | 78019032A AD96687TE/883B | Direct Replacement |
| | AM687XM | Comp | 78019032A AD96687TE/883B | Direct Replacement |
| Burr-Brown: | | | | |
| | 3550L | Op Amp | 5962-8851301GA OP42AJ/883C | Slight spec difference |
| | 3551S | Op Amp | 5962-9098001MXA AD843SH/883B | Slight spec difference |
| | AD532SD/883B | Op Amp | AD532SD/883B | Direct Replacement |
| | AD532SH/883B | Op Amp | AD532SH/883B | Direct Replacement |
| | AD534SD/883B | Op Amp | AD534SD/883B | Direct Replacement |
| | AD534SH/883B | Op Amp | AD534SH/883B | Direct Replacement |
| | AD534TD/883B | Op Amp | AD534TD/883B | Direct Replacement |
| | AD534TH/883B | Op Amp | AD534TH/883B | Direct Replacement |

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| Burr-Brown (continued): | | | | |
| | AD632SD | Multiplier | AD632SD/883B | Direct Replacement |
| | AD632SD/883B | Multiplier | AD632SD/883B | Direct Replacement |
| | AD632SH | Multiplier | AD632SH/883B | Direct Replacement |
| | AD632SH/883B | Multiplier | AD632SH/883B | Direct Replacement |
| | AD632TD | Multiplier | AD632TD/883B | Direct Replacement |
| | AD632TD/883B | Multiplier | AD632TD/883B | Direct Replacement |
| | AD632TH | Multiplier | AD632TH/883B | Direct Replacement |
| | AD632TH/883B | Multiplier | AD632TH/883B | Direct Replacement |
| | ADC574ASH | ADC | AD574ASD/883B | Direct Replacement |
| | ADC574ATD/883B | ADC | 5962-8512702XA AD574ATD/883B | Direct Replacement |
| | ADC574ATH | ADC | 5962-8512702XA AD574ATD/883B JM38510/14002BXA | Direct Replacement |
| | ADC674ASD/883B | ADC | 5962-9169003MXA AD674BTD/883B | Direct Replacement |
| | ADC674ASH | ADC | 5962-9169003MXA AD674BTD/883B | Direct Replacement |
| | ADC674ATD/883B | ADC | 5962-9169003MXA AD674BTD/883B | Direct Replacement |
| | ADC674ATH | ADC | 5962-9169003MXA AD674BTD/883B | Direct Replacement |
| | DAC7541ASH-BI | DAC | 5962-8948101VX AD7541ASQ/883B | Direct Replacement |
| | DAC7541ATH-BI | DAC | 5962-8948102VX AD7541ATQ/883B | Direct Replacement |
| | DAC87HCBI-V | DAC | ADDAC87CBI-V/883B | Direct Replacement |
| | DAC87HCBI-V-BI | DAC | ADDAC87CBI-V/883B | Direct Replacement |
| | DAC87HCBI-V/QM | DAC | ADDAC87CBI-V/883B | Direct Replacement |
| | MPY100SG | Multiplier | AD632TD/883B | Direct Replacement |
| | MPY100SM | Multiplier | AD632TH/883B | Direct Replacement |
| | MPY534SD | Multiplier | AD534SD/883B JM38510/13902BCA | Direct Replacement |
| | MPY534SH | Multiplier | AD534SH/883B JM38510/13902BIA | Direct Replacement |

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| Burr-Brown (continued): | | | | |
| | MPY534TD | Multiplier | AD534TD/883B JM38510/13901BCA | Direct Replacement |
| | MPY534TH | Multiplier | AD534TH/883B JM38510/13901BIA | Direct Replacement |
| | OP27AJ | Op Amp | JM38510/13503BGA OP27AJ/883C | Direct Replacement |
| | OP27AZ | Op Amp | JM38510/13503BPA OP27AZ/883C | Direct Replacement |
| | OP27BJ | Op Amp | OP27BJ/883C | Direct Replacement |
| | OP37AJ | Op Amp | 5962-8853701GA OP37AJ/883C | Direct Replacement |
| | OP37AZ | Op Amp | 5962-8853701PA OP37AZ/883C | Direct Replacement |
| | OP37BZ | Op Amp | 5962-8853702PA OP37BZ/883C | Direct Replacement |
| | OPA111SM | Op Amp | AD645SH/883B | Slight spec difference |
| | OPA128SM | Op Amp | AD549SH/883B | Slight spec difference |
| | OPA156AM | Op Amp | 5962-8954201GA OP15AJ/883C | Slight spec difference |
| | OPA2111SM | Op Amp | AD648TH/883B | Slight spec difference |
| | OPA404SG | Op Amp | 5962-9063301MCA AD713SQ/883B | SS- cer, ADI- sbrazed |
| | OPA623SG | Op Amp | 5962-9459301MPA | Slight spec difference |
| | OPA644HS | Op Amp | 5962-9459301MPA | Slight spec difference |
| | REF10PB | Volt. Ref | REF10AJ/883C | Direct Replacement |
| | REF1M | Volt. Ref | 5962-8958101GA REF01AJ/883C | Direct Replacement |
| | REF2M | Volt. Ref | 8551401GA REF02AJ/883C | Direct Replacement |
| | REF5PB | Volt. Ref | REF05AJ/883C | Direct Replacement |
| | REF5UB | Volt. Ref | REF05BJ/883C | Direct Replacement |
| | VFC100SG | VFC | 5962-9322201MEA AD652SQ/883B | Slight spec difference |
| | VFC32SM | VFC | ADVFC32SH/883B | Slight spec difference |
| Comlinear: | | | | |
| | CLC200A8C | Op Amp | 5962-8991101 AD9610TH/883B | Slight spec difference |

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| Comlinear (continued): | | | | |
| | CLC201A8C | Op Amp | 5962-8991101 AD9610TH/883B | Slight spec difference |
| | CLC207A8C | Op Amp | 5962-8991101 AD9610TH/883B | Slight spec difference |
| | CLC400A8D | Op Amp | 5962-9086801MPA AD9617SQ/883B | Slight spec difference |
| | CLC401A8B | Op Amp | 5962-9086803MPA AD9618SQ/883B | Slight spec difference |
| | CLC401A8D | Op Amp | 5962-9086803MPA AD9618SQ/883B | Slight spec difference |
| | CLC402A8B | Op Amp | 5962-9086801MPA AD9617SQ/883B | Slight spec difference |
| | CLC402A8D | Op Amp | 5962-9086801MPA AD9617SQ/883B | Slight spec difference |
| | CLC406A8D | Op Amp | 5962-9459301MPA | Slight spec difference |
| | CLC409A8D | Op Amp | 5962-9459301MPA | Slight spec difference |
| | CLC410A8B | Op Amp | 5962-9313201MPA | Slight spec difference |
| | CLC410A8D | Op Amp | 5962-9313201MPA | Slight spec difference |
| | CLC430A8B | Op Amp | 5962-9313201MPA | Slight spec difference |
| | CLC430AIB | Op Amp | 5962-9313201MPA | Slight spec difference |
| | CLC430AID | Op Amp | 5962-9313201MPA | Slight spec difference |
| Elantec: | | | | |
| | EHA12539 /883B | Op Amp | AD5539SQ/883B | Slight spec difference |
| | EHA12539-2 | Op Amp | AD5539SQ/883B | Slight spec difference |
| | EHA12540 /883B | Op Amp | 5962-8964001CA AD840SQ/883B | Direct Replacement |
| | EHA12540-2 | Op Amp | 5962-8964001CA AD840SQ/883B | Direct Replacement |
| | EHA15190 /883B | Op Amp | 5962-8964201CA AD842SQ/883B | Direct Replacement |
| | EHA15190-2 | Op Amp | 5962-8964201CA AD842SQ/883B | Direct Replacement |
| | EHA22500 /883B | Op Amp | AD744TH/883B | Slight spec difference |
| | EHA22500-2 | Op Amp | AD744TH/883B | Slight spec difference |
| | EHA22600 /883B | Op Amp | AD711SQ/883B | Slight spec difference |
| | EHA25190 /883B | Op Amp | 5962-8964201XA | Direct Replacement |

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| Elantec (continued): | | | | |
| | EHA25190-2 | Op Amp | 5962-8964201XA | Direct Replacement |
| | EHA42540 /883B | Op Amp | 5962-89640012A AD840SE/883B | Direct Replacement |
| | EHA45190 /883B | Op Amp | 5962-89642012A AD842SE/883B | Direct Replacement |
| | EHA72600 /883B | Op Amp | AD711SQ/883B | Slight spec difference |
| | EHA72600-2 | Op Amp | AD711SQ/883B | Slight spec difference |
| | EHA72602 /883B | Op Amp | AD711SQ/883B | Slight spec difference |
| | EHA72602-2 | Op Amp | AD711SQ/883B | Slight spec difference |
| | EL2020J | Op Amp | 5962-9313201MPA | Direct Replacement |
| | EL2020J/883B | Op Amp | 5962-9313201MPA | Direct Replacement |
| | EL2028J | Op Amp | 5962-8964101CA AD841SQ/883B | Direct Replacement |
| | EL2028J/883B | Op Amp | 5962-8964101CA AD841SQ/883B | Direct Replacement |
| | EL2030J | Op Amp | 5962-9313101MPA AD811SQ/883B | Slight spec difference |
| | EL2030J/883B | Op Amp | 5962-9313101MPA AD811SQ/883B | Slight spec difference |
| | EL2039J | Op Amp | AD5539SQ/883B | Slight spec difference |
| | EL2039J/883B | Op Amp | AD5539SQ/883B | Slight spec difference |
| | EL2040J | Op Amp | 5962-8964001CA AD840SQ/883B | Direct Replacement |
| | EL2040J/883B | Op Amp | 5962-8964001CA AD840SQ/883B | Direct Replacement |
| | EL2040L/883B | Op Amp | 5962-89640012A AD840SE/883B | Direct Replacement |
| | EL2041G | Op Amp | AD841SH/883B | Direct Replacement |
| | EL2041G/883B | Op Amp | AD841SH/883B | Direct Replacement |
| | EL2041J | Op Amp | 5962-8964101CA AD841SQ/883B | Direct Replacement |
| | EL2041J/883B | Op Amp | 5962-8964101CA AD841SQ/883B | Direct Replacement |
| | EL2071J/883B | Op Amp | 5962-9313101MPA AD811SQ/883B | Slight spec difference |
| | EL2171J/883B | Op Amp | 5962-9086803MPA AD9618SQ/883B | Slight spec difference |
| | EL2190G | Op Amp | 5962-8964201XA | Direct Replacement |

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| Elantec (continued): | | | | |
| | EL2190G/883B | Op Amp | 5962-8964201XA | Direct Replacement |
| | EL2190J | Op Amp | 5962-8964201CA AD842SQ/883B | Direct Replacement |
| | EL2190J/883B | Op Amp | 5962-8964201CA AD842SQ/883B | Direct Replacement |
| | EL2190L/883B | Op Amp | 5962-89642012A AD842SE/883B | Direct Replacement |
| | EL2195CG | Op Amp | 5962-8964201XA | Direct Replacement |
| | EL2223J | Op Amp | 5962-9211701MPA AD827SQ/883B | Slight spec difference |
| | EL2223J/883B | Op Amp | 5962-9211701MPA AD827SQ/883B | Slight spec difference |
| | EL2223L/883B | Op Amp | 5962-9211701M2A AD827SE/883B | Slight spec difference |
| | EL2232J | Op Amp | 5962-9053601PA OP260AZ/883C | Slight spec difference |
| | EL2232J/883B | Op Amp | OP260AZ/883C | Slight spec difference |
| | EL400J/883B | Op Amp | 5962-9086801MPA AD9617SQ/883B | Slight spec difference |
| | ELH32G | Op Amp | 5962-8964201XA | Slight spec difference |
| | ELH32G/883B | Op Amp | 5962-8964201XA | Slight spec difference |
| Motorola: | | | | |
| | LM111H | Comp | JM38510/10304BGA PM111J/883C | Direct Replacement |
| | LM285Z1.2 | Volt. Ref | AD589SH/883B | Slight spec difference |
| | MC1503U | Volt. Ref | 5962-9060301PA REF43BZ/883C | Direct Replacement |
| | MC1504U10 | Volt. Ref | 5962-8958101PA REF01AZ/883C | Direct Replacement |
| | MC1504U5 | Volt. Ref | 8551401PA REF02AZ/883C | Slight spec difference |
| | MC34004BL | Op Amp | 5962-9458101MCA | Direct Replacement |
| | MC34004L | Op Amp | 5962-9458101MCA | Direct Replacement |
| | MC35001AU | Op Amp | AD711SQ/883B | Direct Replacement |
| | MC35001BU | Op Amp | AD711SQ/883B | Direct Replacement |
| | MC35001U | Op Amp | AD711SQ/883B | Direct Replacement |
| | MC35002AU | Op Amp | AD712SQ/883B | Direct Replacement |

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|------------------------------|---------------|-----------------|--|------------------------|
| Motorola (continued): | | | | |
| | MC35002BU | Op Amp | AD712SQ/883B | Direct Replacement |
| | MC35002U | Op Amp | AD712SQ/883B | Direct Replacement |
| | MC35081AU | Op Amp | AD711TQ/883B | Slight spec difference |
| | MC35081U | Op Amp | AD711SQ/883B | Slight spec difference |
| | MC35082AL | Op Amp | AD712TQ/883B | Slight spec difference |
| | MC35082L | Op Amp | AD712SQ/883B | Slight spec difference |
| | MC35174U | Op Amp | 5962-9458101MCA | Slight spec difference |
| | MC35184L | Op Amp | 5962-9458101MCA | Slight spec difference |
| | OP27AZ | Op Amp | JM38510/13503BPA OP27AZ/883C | Direct Replacement |
| | TL64MJG | Op Amp | 5962-9458101MCA | Direct Replacement |
| | TL71MJG | Op Amp | AD711SQ/883B | Direct Replacement |
| | TL72MJG | Op Amp | AD712SQ/883B | Direct Replacement |
| | TL74MJG | Op Amp | 5962-9063301MCA AD713SQ/883B | Direct Replacement |
| | TL81MJG | Op Amp | AD711SQ/883B | Direct Replacement |
| | TL82MJG | Op Amp | AD712SQ/883B | Direct Replacement |
| | TL84MJG | Op Amp | 5962-9063301MCA AD713SQ/883B | Direct Replacement |
| Philips: | | | | |
| | ADC820BSEF | ADC | 5962-8865002RX AD7820TQ/883B | Direct Replacement |
| | ADC820CSEF | ADC | 5962-8865001RX AD7820UQ/883B | Direct Replacement |
| | AU2901D | Comp | 5962-8990403CA CMP04BY/883C | Slight spec difference |
| | DAC8AF | ADC | DAC08AQ/883C JM38510/11302BEA | Direct Replacement |
| | DAC8F | ADC | DAC08Q/883C JM38510/11301BEA | Direct Replacement |
| | LM111FE | Comp | JM38510/10304BCA PM111Y/883C | Direct Replacement |
| | LM119F | Comp | 8601401CA PM119Y/883C | Direct Replacement |

Mouser Electronics

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Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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