

## Hall Sensor

Competitor	Part Number	OCS Part	Package	Pin to Pin	Functions	Remark
Infineon	TLE4913	OCH168	SOT/TSOT23-3L	√		Micro Power, Ultra-sensitive Hall switch.
Allegro	A3212	OCH168	SOT23-3L	√		Micro Power, Ultra-sensitive Hall switch
Melexis	MLX90248	OCH168	SOT23-3L	√		Micro Power, Ultra-sensitive Hall switch
Anachip	AH180	OCH168	SOT23-3L	√		Micro Power, Ultra-sensitive Hall switch
Honeywell	SS40	OCH140	SIP-3	√		Reverse Power Protection, Open-collector, Wide working Temperature(-40~125 °C)
Melexis	US1881	OCH140	SIP-3	√		CMOS, open-collector, Wide working Temperature -40~125 °C
Panasonic	DN6851	OCH140	SIP-3		√	Reverse Power Protection, Pull High, working Temperature(-40~85 °C)
Asahi Kasei	EW512	OCH140	SIP-3		√	Reverse Power Protection, Pull High , working Temperature(-40~125 °C)
Asahi Kasei	EW732	OCH140	SIP-3		√	Reverse Power Protection, Pull High, working Temperature(-30~115 °C)
DIODES	ATS177	OCH140	SIP-3	√		Reverse Power Protection, Open-collector, Wide working Temperature(-20~85 °C)
Honeywell	SS41	OCH141	SIP-3	√		Reverse Power Protection, Open-collector, Wide working Temperature(-40~150 °C)
AH	AH41	OCH141	SIP-3	√		Reverse Power Protection, Open-collector, Wide working Temperature (-40~150 °C)
AH	AH201	OCH145	SIP-3			Unipolar Hall-Effect Switches
Allegro	A3144	OCH145	SIP-3			Unipolar Hall-Effect Switches

## Audio Amplifier

NS	LM4809	OCA7106	MSOP8	√		Dual 105mW Headphone Amplifier
SN	SN4990	OCA7190	micro-SMD	√		1.2W Class AB audio amplifier
SGM	SGM4890	OCA7190	micro-SMD			1.1W Class AB audio amplifier
ST	TS4990	OCA7190	micro-SMD	√		1W Class AB audio amplifier
NS	LM4990	OCA7190	micro-SMD	√		1.25W Class AB audio amplifier
Onsemi	NCP2892	OCA7190	micro-SMD	√		1.3W Class AB audio amplifier
SN	SN4890	OCA7192	micro-SMD	√		High PSSR 1.2W Class AB audio amplifier
Onsemi	NCP2890	OCP7192	micro-SMD	√		High PSSR 1.3W Class AB audio amplifier
Onsemi	NCP2890	OCP7190	MSOP8	√		1W Class AB audio amplifier
NS	LM4890	OCP7190	MSOP8	√		1W Class AB audio amplifier
ST	TS4890	OCP7190	MSOP8	√		1W Class AB audio amplifier
SN	SN4088	OCA7188	QFN16(4*4)	√		Dual 2.7W Stereo Audio Amplifier
TI	TPA2010	OCA7210	MSOP8/ micro-SMD	√		2.5W Class D audio amplifier

## Power Management IC

Competitor	Part Number	OCS Part	Package	Pin to Pin	Functions	Remark
linear	LT3406B	OCP2150/ 56/58	SOT23-5			1.5M Synchronous 600mA buck converter
AATI	AAT1106	OCP2150/ 56/58	SOT23-5			1.5M Synchronous 600mA buck converter
MPS	MP2104	OCP2150/ 56/58	SOT23-5			1.7M Synchronous 600mA buck converter
Richtek	RT8008	OCP2150/ 56/58	SOT23-5	√		1.25M Synchronous 600mA buck converter
AATI	AAT1126	OCP2151	SOT23-5		√	1.0 M Synchronous 600mA buck converter
Torex	XC9216	OCP2157/59	SOT23-5	√		1.5M Synchronous 600mA buck converter
Richtek	RT8009	OCP2157/59	SOT23-5	√		1.25M Synchronous 600mA buck converter
NS	LM3671	OCP2157/59	SOT23-5	√		2.0M Synchronous 600mA buck converter
linear	LT3411	OCP2152	DFN10/MSOP10		√	4.0M Synchronous 1.2A buck converter
AATI	AAT1145	OCP2152	DFN10/MSOP10	√		1.5M Synchronous 1.2A buck converter
MPS	MP1516	OCP8106	SOT23-6	√		4 White LED Driver with Open LED Protection
MPS	MP1518	OCP8106	SOT23-6	√		6 White LED Driver with Open LED Protection
MPS	MP3204	OCP8106	SOT23-6	√		5White LED Driver with Open LED Protection
MPS	MP3205	OCP8105	SOT23-5		√	5White LED Driver
Richtek	RT9361	OCP8130	SOT23-6	√		High Frequency 1000kHz Operation,High Performance, Regulated Charge Pump
SGM	SGM3110	OCP8130	SOT23-6	√		High Frequency 750kHz Operation,High Performance, Regulated Charge Pump
linear	LTC3200	OCP8130	SOT23-6	√		High Frequency 2000kHz Operation,High Performance, Regulated Charge Pump
ADD	AMC7150	OCP8120	TO252-5	√		Constant current,Internal switch, Frequency adj.

## Data Converter

TI	TSC2046	OCP2046	QFN16	√		Touch Screen Controller
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