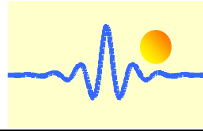


## Cross References of Hall Sensors/Switches

The suggested replacement devices are based on similarity as shown in currently published data. Exact replacement in all applications is not guaranteed and the user should compare the specifications of the competitive and recommended replacement.

Part Number Code	Suggested Allegro	Suggested Chinese parts	Competitive Manufacturer	Replacement Notes
DN6835/6836	UGN3503U	3503U	National Semiconductor/Matsushita (Panasonic)	Functional equivalent
DN6839	A3121EU	3121U		
DN6847/6849TE	A3187LUA	3175UA	Matsushita (Panasonic)	Functional equivalent
DN6848TE	A3141LUA	3144LUA		
DN6851 /6853	A3185EUA	CYD3175		
DN6852	A3121EUA	3144EUA		
EW500	UGN3175U	3175U	ASAHI	Functional equivalent
EW550	A3141/3142E-	3144EUA		
HW300A/B				
KSY10		CYSJ1069	SIEM	Functional equivalent
OHN3013/3019/3020U	A3121EU	3144EU	TRW	
OHN3030/3040U	UGN3132U	3144EU	TRW	
OHN3040U	A3142EU	3144EU	TRW	
OHS3019/3020U	A3121LU	3144EU	TRW	
OHS3030U	UGS3132U	3144EU	TRW	
OHS3040U	A3141LU/A3142LU	3144LU	TRW	
OH360	A3121E-	CYD3144	TRW	
AH182/AH183		CYD3661	AnaChip	
SS141A	A3141L-	CYD3144L	Microswitch (Honeywell)	Functional equivalent
SS143A	A3142L-	CYD3144L		
SS161A	A3187L	3175L, CYD512		
SS166A	A3188L	3175L, CYD512		
SS169A	A3189L	3175L, CYD512		
SS31EA	UGN3132U			
SS41	UGL3132UA	41	Microswitch (Honeywell)	Functional equivalent
SS411A /SS413A	UGL3133			
SS44A/SS441A	A3141L-/A3142L-	CYD3144L		
SS44B	A3144LUA	3144LUA		
SS443A	A3141L	3144LUA		
SS46	A3185LUA	CYD3175, CYD512		



Part Number Code	Suggested Allegro	Suggested Chinese parts	Competitive Manufacturer	Replacement Notes	
SS461A	A3280L	CYD3175, CYD512	Microswitch (Honeywell)		
SS466A	A3188L	CYD3175, CYD512			
SS495A					
SS495A-SP					
SS495A1					
SS495A1-SP					
SS511A /SS513A	UGL3133	CYD513		Functional equivalent	
SS541A/SS543	A3141L	CYD3144L, CYD543			
SS549A	A3143L	CYD3144L			
SS561A	A3280L	CYD3175, CYD512			
SS566A	A3188L	CYD3175, CYD512			
SS81CA	A3187LHH	CYD3175, CYD512			
SS89A1	UGN3503U	CYD3503			listed for reference only.
SS94A-	UGS3501U	CYD3503			
S546	A3187LUA	CYD3175, CYD512			
TLE4945F	UGN3132U	CYD3144			
TLE4945L	UGN3132UA	CYD3144	Infineon		
TL170	UGN3132U	CYD3144	Texas Instruments	Functional equivalent	
TL172C	A3121EU	CYD3144	Texas Instruments		
TL173C /TL173I	UGN3503U	CYD3503	Texas Instruments		
TL175C	UGN3177U	CYD3175, CYD512	Texas Instruments		
TL3013/TL3019	A3121EUA	3040, CYD3144	Texas Instruments		
TL3020	A3144EUA	3040, CYD3144	Texas Instruments		
US1881UA /US3881UA	A3281	CYD3172, CYD3175	Melexis (US Mikro)	Functional equivalent	
US2881UA	A3280	CYD3175, CYD512	MMelexis (US Mikro)		
US5881UA	A3141	CYD3141	Melexis (US Mikro)		
103SR-	UGN3503	CYD3503	Microswitch (Honeywell)	listed for reference only.	
103SR13A-1	A3121L-	CYD3144			
103SR17A-1	UGS3130-	CYD3144			
103SR5A-1	A3121E-	CYD3144			
513SS16/513SS16	A3141LU/A3142LU	CYD3144	Microswitch (Honeywell)		
55SS16	A3144EU	CYD3144			
6SS	UGN3503	CYD3503			
65SS2/65SS4	A3121EU				
618SS4	UGS3177U	CYD3175, CYD512			
613SS4	A3144LU	CYD3144			