

### Classification of Export Trade Control

	Crystal Oscillator					
Type	<input type="checkbox"/> DSA1612SDN	<input type="checkbox"/> DSB211SCL	<input type="checkbox"/> DSA221SCA/DSB221SCA	<input type="checkbox"/> DSA321SDN	<input type="checkbox"/> DSA321SF/DSB321SF	
	<input type="checkbox"/> DSB1612SDN/SDNB	<input type="checkbox"/> DSB211SCM/SCB	<input type="checkbox"/> DSA221SCL	<input type="checkbox"/> DSB321SDN/SDNB	<input type="checkbox"/> DSB321SCL	
	<input type="checkbox"/> DSB1612WA	<input type="checkbox"/> DSB211SDA	<input type="checkbox"/> DSA221SCM	<input type="checkbox"/> DSB321SJ	<input type="checkbox"/> DSB321SCM/SCB	
	<input type="checkbox"/> DSA211SDN	<input type="checkbox"/> DSB211SDM/SDB	<input type="checkbox"/> DSA222MAA/MAB	<input type="checkbox"/> DSB321SLB	<input type="checkbox"/> DSB321SDA	
	<input type="checkbox"/> DSB211SDN/SDNB	<input type="checkbox"/> DSA211SP/DSB211SP	<input type="checkbox"/> DSB222MAA/MAB	<input type="checkbox"/> DSA321SA/DSB321SA	<input type="checkbox"/> DSB321SDM/SDB	
	<input type="checkbox"/> DSB211SJ/SJA	<input type="checkbox"/> DSA221SDN	<input type="checkbox"/> DSA221SDA	<input type="checkbox"/> DSA321SCA/DSB321SCA	<input type="checkbox"/> DSA535SC/DSB535SC	
	<input type="checkbox"/> DSB211SLB	<input type="checkbox"/> DSA221SJ/DSB221SJ	<input type="checkbox"/> DSA221SDM	<input type="checkbox"/> DSA321SD/DSB321SD	<input type="checkbox"/> DSA535SD/DSB535SD	
	<input type="checkbox"/> DSA211SCA/DSB211SCA	<input type="checkbox"/> DSB221SDN/SDNB	<input type="checkbox"/> DSB221SCL	<input type="checkbox"/> DSA321SCL	<input type="checkbox"/> DSA535SG/DSB535SG	
	<input type="checkbox"/> DSA211SCL/SCM	<input type="checkbox"/> DSB221SLB	<input type="checkbox"/> DSB221SCM/SCB	<input type="checkbox"/> DSA321SCM	<input type="checkbox"/> DSA535SA/DSB535SA	
	<input type="checkbox"/> DSA211SDA	<input type="checkbox"/> DSA221SP/DSB221SP	<input type="checkbox"/> DSB221SDA	<input type="checkbox"/> DSA321SDA	<input type="checkbox"/> DSK321STA/STD	
	<input type="checkbox"/> DSA211SDM	<input type="checkbox"/> DSA221SA/DSB221SA	<input type="checkbox"/> DSB221SDM/SDB	<input type="checkbox"/> DSA321SDM	<input type="checkbox"/> DSK324SR	

#### Classification Result

\*This judgment is based on the government ordinance enforced on 2019.1.9.

		Judgment	Ordinance	Judgment reason
<b>List control</b>	Goods (Export Trade Control Order : appended table 1st, Paragraph 1-15)	<input type="checkbox"/> Applicable	Paragraph 7-1 Article 6-1 □	Since the design used at the temperature of $\leq +125$ deg.C. Since the design used at the temperature of $\geq -55$ deg.C. Since the design used in the temperature range of $\geq -40$ deg.C. / $\leq +85$ deg.C.
		<input checked="" type="checkbox"/> Non-Applicable	Paragraph 7-1 Article 6-1 1)	Since the number of terminals is less than 1500. Since propagation delay time is 0.02 nano-seconds or more. Since frequency of operation is less than 3GHz.
		<input type="checkbox"/> Exemption	Paragraph 7-2 Article 6-2 3)	Because the designed value for the ratio of Single Sideband(SSB) Phase Noise per 1Hz on the operating frequency on all range within 10Hz-10kHz that distance of operating frequency and offset frequency is more than the value calculated by the specified formula.
		<input type="checkbox"/> Exemption	Paragraph 7-3 Article 6-3 □	Since frequency is less than 6GHz.
Goods, Technology etc.	Goods (Export Trade Control Order : appended table 2nd)	<input type="checkbox"/> Applicable <input type="checkbox"/> Non-Applicable <input checked="" type="checkbox"/> Exemption	/	/
	Technology (Foreign Exchange and Foreign Trade Act : Paragraph 1-15) (*3)	<input type="checkbox"/> Applicable <input checked="" type="checkbox"/> Non-Applicable <input type="checkbox"/> Exemption	Paragraph 7-1 Article 19-1 2) Article 6-1 □ Paragraph 7-1 Article 19-1 2) Article 6-1 2) Article 19-1 2) Article 6-2 3) Article 19-1 2) Article 6-3 □	Since the design used at the temperature of $\leq +125$ deg.C. Since the design used at the temperature of $\geq -55$ deg.C. Since the design used in the temperature range of $\geq -40$ deg.C. / $\leq +85$ deg.C. Since the number of terminals is less than 1500. Since propagation delay time is 0.02 nano-seconds or more. Since frequency of operation is less than 3GHz. Because the designed value for the ratio of Single Sideband(SSB) Phase Noise per 1Hz on the operating frequency on all range within 10Hz-500kHz that distance of operating frequency and offset frequency is more than the value calculated by the specified formula. Since frequency is less than 6GHz.
<b>Catch-all control</b> (*2)	Goods (Trade Control Order : appended table 1st paragraph 16) Service, Technology	<input checked="" type="checkbox"/> Applicable <input type="checkbox"/> Exemption	/	/
	(Foreign Exchange and Foreign Trade Act : appended table paragraph 16)	<input checked="" type="checkbox"/> Applicable <input type="checkbox"/> Exemption	/	/
Export Administration Regulation (EAR)		<input type="checkbox"/> Applicable <input type="checkbox"/> Non-Applicable <input checked="" type="checkbox"/> Exemption	/	Our products are not manufactured and assembled in the united states.

[Applicable]: It is control item and satisfied with the regulation value.

[Non-Applicable]: It is control item but not satisfied with the regulation value.

[Exemption]: It is not control item.

\*2 For catch all control, export permission is needed depending on the requirements of user and application.

\*3 We judged technology since technical information is indicated in delivery specifications.

### Classification of Export Trade Control

	Crystal Oscillator				
Type	<input type="checkbox"/> DSO1612AR	<input type="checkbox"/> DSO221SR(kHz)	<input type="checkbox"/> DSO321SY	<input type="checkbox"/> DSO753HV/HK/HJ	<input type="checkbox"/> DSV753SB/SD/SJ/SK/SV
	<input type="checkbox"/> DSO211AB	<input type="checkbox"/> DSO221SW	<input type="checkbox"/> DSO323SK/SJ/SD	<input type="checkbox"/> DSO753SK/SJ/SD	<input type="checkbox"/> DSS753SVC/SVD
	<input type="checkbox"/> DSO211AH	<input type="checkbox"/> DSO221SY	<input type="checkbox"/> DSO531SBM/SBN/SVN	<input type="checkbox"/> DLO555MB	
	<input type="checkbox"/> DSO211AN	<input type="checkbox"/> DSO221SV	<input type="checkbox"/> DSO531SHH	<input type="checkbox"/> DSV211AR/AV	
	<input type="checkbox"/> DSO211AR	<input type="checkbox"/> DSO223SK/SJ/SD	<input type="checkbox"/> DSO531SR/SV	<input type="checkbox"/> DSV221SR/SV	
	<input type="checkbox"/> DSO213AW	<input type="checkbox"/> DSO321SBM/SBN/SVN	<input type="checkbox"/> DSO533SK/SJ	<input type="checkbox"/> DSV321SR/SV	
	<input type="checkbox"/> DSO221SBM	<input type="checkbox"/> DSO321SH	<input type="checkbox"/> DSO751SBM/SBN/SVN	<input type="checkbox"/> DSV323SV/SK/SJ/SD	
	<input type="checkbox"/> DSO221SH	<input type="checkbox"/> DSO321SN	<input type="checkbox"/> DSO751SR	<input type="checkbox"/> DSV531SB/SV	
	<input type="checkbox"/> DSO221SHF	<input type="checkbox"/> DSO321SR	<input type="checkbox"/> DSO751SA	<input type="checkbox"/> DSV532SB/SV	
	<input type="checkbox"/> DSO221SN	<input type="checkbox"/> DSO321SR(kHz)	<input type="checkbox"/> DSO751SB	<input type="checkbox"/> DSV753CJ/CK	
	<input type="checkbox"/> DSO221SR	<input type="checkbox"/> DSO321SW	<input type="checkbox"/> DSO751SV	<input type="checkbox"/> DSV753HJ/HK/HV	

#### <Classification Result>

\*This judgment is based on the government ordinance enforced on 2019.1.9.

		Judgment	Ordinance	Judgment reason
List control  Goods, Technology etc.	Goods (Export Trade Control Order : appended table 1st, Paragraph 1- 15)	<input type="checkbox"/> Applicable	Paragraph 7-1 Article 6-1 <input type="checkbox"/>	Since the design used at the temperature of $\leq +125$ deg.C. Since the design used at the temperature of $\geq -55$ deg.C. Since the design used in the temperature range of $\geq -40$ deg.C. / $\leq +85$ deg.C.
		<input checked="" type="checkbox"/> Non-Applicable	Paragraph 7-1 Article 6-1 <sup>1)</sup>	Since the number of terminals is less than 1500. Since propagation delay time is 0.02 nano-seconds or more. Since frequency of operation is less than 3GHz.
		<input type="checkbox"/> Exemption	Paragraph 7-2 Article 6-2 <sup>2)</sup>	Because the designed value for the ratio of Single Sideband(SSB) Phase Noise per 1Hz on the operating frequency on all range within 10Hz-10kHz that distance of operating frequency and offset frequency is more than the value calculated by the specified formula.
			Paragraph 7-3 Article 6-3 <input type="checkbox"/>	Since frequency is less than 6GHz.
	Goods (Export Trade Control Order : appended table 2nd)	<input type="checkbox"/> Applicable <input type="checkbox"/> Non-Applicable <input checked="" type="checkbox"/> Exemption		
	Technology (Foreign Exchange and Foreign Trade Act : Paragraph 1-15) (*3)	<input type="checkbox"/> Applicable	Paragraph 7-1 Article 19-1 <sup>1)</sup>	Since the design used at the temperature of $\leq +125$ deg.C. Since the design used at the temperature of $\geq -55$ deg.C. Since the design used in the temperature range of $\geq -40$ deg.C. / $\leq +85$ deg.C.
		<input checked="" type="checkbox"/> Non-Applicable	Paragraph 7-1 Article 19-1 <sup>2)</sup>	Since the number of terminals is less than 1500. Since propagation delay time is 0.02 nano-seconds or more. Since frequency of operation is less than 3GHz.
		<input type="checkbox"/> Exemption	Article 19-1 <sup>3)</sup> Article 6-2 <sup>2)</sup>	Because the designed value for the ratio of Single Sideband(SSB) Phase Noise per 1Hz on the operating frequency on all range within 10Hz-500kHz that distance of operating frequency and offset frequency is more than the value calculated by the specified formula.
			Article 19-1 <sup>3)</sup> Article 6-3 <input type="checkbox"/>	Since frequency is less than 6GHz.
	Catch-all control  (*2)	Goods (Trade Control Order : appended table 1st paragraph 16)	<input checked="" type="checkbox"/> Applicable <input type="checkbox"/> Exemption	
Service, Technology (Foreign Exchange and Foreign Trade Act : appended table paragraph 16)		<input checked="" type="checkbox"/> Applicable <input type="checkbox"/> Exemption		
		<input type="checkbox"/> Applicable <input type="checkbox"/> Non-Applicable <input checked="" type="checkbox"/> Exemption		
Export Administration Regulation (EAR)				Our products are not manufactured and assembled in the united states.

[Applicable]: It is control item and satisfied with the regulation value.

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