

## Certificate of Compliance [ RoHS Directive ]

We certify that the following products supplied to your company comply with the RoHS Directive and meet the standard of the restricted substances as below.

\*RoHS Directive : 2011/65/EU, (EU) 2015/863

Crystal Oscillator		
Model :	DSA/ DSB1612SDN	DSB1612WA
	DSA/ DSB211SDN	DSB211SJA
	DSA/ DSB221SDN	DSB221SJA
	DSA/ DSB535SGA	DSK1612ATD
	DSB1612SDNB	DSA/DSB211SCA
	DSA211SCM	DSA211SDA
	DSA211SSA	DSB211SCL
	DSB211SDA	DSB211SDM/SDB
	DSB211SLB	DSB211SSA/SSB
	DSA/DSB221SCA	DSA221SCL
	DSA221SDA	DSA221SDM
	DSB221SCL	DSB221SCM/SCB
	DSB221SDM/SDB	DSB221SDNB
	DSA/DSB221SJ	DSB221SLB
	DSA222MAA/MAB	DSA/DSB221SP
	DSA/DSB321SCA	DSB222MAA/MAB
	DSA321SCM	DSA/DSB321SD
	DSA/DSB321SF	DSA321SDA
	DSB321SCM/SCB	DSA321SSA
	DSB321SDNB	DSB321SDA
	DSA/DSB535SA	DSB321SLB
	DSA/DSB535SG	DSA/DSB535SC
		DSK321STA
		DSB1612WEB
		DSA/DSB211SP
		DSA/ DSB321SDN
		DSK321STD
		DSA211SCL
		DSA211SDM
		DSB211SCM/SCB
		DSA/DSB221SA
		DSA221SCM
		DSA221SSA
		DSB221SDA
		DSB221SSA/SSB
		DSA/DSB321SA
		DSA321SCL
		DSA321SDM
		DSB321SCL
		DSB321SDM/SDB
		DSB321SSA/SSB
		DSA/DSB535SD

### Concentration of the Restricted Substances:

Substance name	Concentration (ppm)
Cadmium and its compounds	Less than 100ppm
Lead and its compounds	Less than 1,000ppm
Mercury and its compounds	Less than 1,000ppm
Chromium (VI) compounds	Less than 1,000ppm
Polybrominated biphenyls (PBBs)	Less than 1,000ppm
Polybrominated diphenyl ethers (PBDEs)	Less than 1,000ppm
Bis(2-ethylhexyl) phthalate (DEHP)	Less than 1,000ppm
Butyl benzyl phthalate (BBP)	Less than 1,000ppm
Dibutyl phthalate (DBP)	Less than 1,000ppm
Diisobutyl phthalate (DIBP)	Less than 1,000ppm

Note : The above concentrations are values in each homogeneous material, which have been calculated based on the raw material suppliers' SDS, composition list and analysis report.

Sincerely yours,



Hideki Otsuka  
Section Manager of General Affairs Dept.