

# Eu-RoHS Compliance

## Package-type

Epson Package name; **QFP21-176PIN**

JEITA Package name; **P-LQFP176-2424-0.50**

Terminal plating; **Lead(Pb) Free**

The product which consisted of above package is compliant with RoHS Directive (2011/65/EU) and amending Directive (EU) 2015/863.

| RoHS Directive chemicals:              | Maximum concentration value |
|--|-----------------------------|
| 1) Cadmium (Cd)                        | < 100ppm                    |
| 2) Lead (Pb)                           | <1000ppm                    |
| 3) Mercury (Hg)                        | <1000ppm                    |
| 4) Hexavalent chromium (Cr(VI))        | <1000ppm                    |
| 5) PBBs                                | <1000ppm                    |
| 6) PBDEs                               | <1000ppm                    |
| 7) Bis (2-ethylhexyl) phthalate (DEHP) | <1000ppm                    |
| 8) Butyl benzyl phthalate (BBP)        | <1000ppm                    |
| 9) Dibutyl phthalate (DBP)             | <1000ppm                    |
| 10) Diisobutyl phthalate (DIBP)        | <1000ppm                    |

\*Content in a homogeneous material

Seiko Epson Corporation  
Microdevices Operations Division Semiconductor Operations

FUJIMI PLANT; 281 Fujimi, Fujimi-machi, Suwa-gun, Nagano-ken 399-0293 Japan  
TEL:+81-266-61-1546 / FAX:+81-266-61-1245

Print name:Nobuyuki Oikawa  
General Manager  
IC CS QUALITY ASSURANCE DEPARTMENT