

Package-type

Epson Package name; **QFP12-48PIN**

JEITA Package name; **P-LQFP048-0707-0.50**

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: Hisanobu Ishiyama
General Manager
IC CS QUALITY ASSURANCE DEPARTMENT