


APPROVED			
		Signature	
License is hereby granted to the applicant for the described commodity to be permanently exported from the United States. This license may be revoked, suspended or amended by the Secretary of State without prior notice whenever the Secretary deems such action advisable.		Date Issued : 04/29/2013	
		License No: 050450123	License Valid For 48 Months From Above Date
(For DTC Use Only)			
UNITED STATES OF AMERICA DEPARTMENT OF STATE			
APPLICATION/LICENSE FOR PERMANENT EXPORT OF UNCLASSIFIED DEFENSE ARTICLES AND RELATED UNCLASSIFIED TECHNICAL DATA			
1. Date Prepared	2. PM/DDTC Applicant/ Registrant Code	3. Country of Ultimate Destination	4. Probable Port of Exit from U.S.
04/22/2013		GERMANY	ILN or JFK
5. Applicant's Name, Address, ZIP Code, Telephone Number			
Applicant Type: Manufacturer Aeroflex Incorporated  Attention: Andrew Perrone  35 South Service Rd  Plainview , NY 11803  516-694-6700 ext.			
Subsidiary Name, Address, ZIP Code, Telephone Number			
Aeroflex Colorado Springs Incorporated  Attention: Robert M. Caudle  4350 Centennial Blvd  Colorado Springs, CO 80907  719-594-8347 ext.			

6. Name, agency and telephone of U.S. Government personnel (not PM/DDTC) familiar with the commodity.

7. Name and telephone numbers of applicant contact if U.S. Government needs additional information.

Robert Caudle

719-594-8347 ext.

Andrew Perrone

516-752-5662 ext.

Krista Oliveira

516-752-2401 ext.

8. Description of Transaction:

A. This application represents ONLY completely new shipment

B. This Application has related license no(s)

☐ was licensed to the country in Block 3 of the first page under license no(s)

☐ was licensed to other countries under license no (s).

☐ was returned without action under voided license no (s).

☐ was denied to the country in Block 3 of the first page under voided license(s)

C. This Application is in reference to agreement no(s)

D. If the commodity is being financed under:

☒ Not Applicable

☐ Foreign Military Sale

☐ Foreign Military Financing

☐ Grant Aid Program

E. Defense Trade Controls Compliance

This application is related to a disclosure filed with Defense Trade Controls Compliance ☐ No ☒ Yes

Compliance Disclosure Number: 07-0000593

Item #	9. Quantity	10. Commodity	11. USML Category Number	12. \$ Value
1	Quantity : 3 Unit Type : Number	AEROFLEX COLORADO SPRINGS' MICROCIRCUIT, MEMORY, DIGITAL, CMOS, 512K x 32-BIT (16 M), RADIATION-TOLERANT, DUAL VOLTAGE SRAM, MULTICHIP MODULE INTEGRATED CIRCUIT (MQ08), PART NUMBER 5962R0422701.  Defense Article Type : Hardware	XV(e)  Is a DSP-83 attached? No	
			13. TOTAL VALUE(Sum of All Pages)	

**14. Name and address of foreign end-user**

Institut Fur Experimentelle und Angewandte Physik; The ExtraTerrestrial Physics Group  
 Christian Albrechts University-IEAP/ET CAU Leibnizstrasse 19  
 Kiel  
 GM

**15. Manufacturer of Commodity**

Aeroflex Colorado Springs Incorporated  
 4350 Centennial Blvd  
 Colorado Springs, CO 80907 US

**16. Name and address of foreign consignee**

Christian-Albrechts-Universitat zu Kiel Inst. F. Experimentelle u. Angewandte Physik Extraterrestrik  
 Leibnizstr. 11  
 Kiel  
 GM  
  
 Alter Technology TUV Nord S.A.U.  
 C/Tomas Alba Edison, 4 PCT Cartuja 93

Sevilla

SP

**17. Source of Commodity**

Aeroflex Colorado Springs Incorporated

4350 Centennial Blvd

Colorado Springs, CO 80907 US

**18. Name and address of foreign intermediate consignee**

Dimac Red SRL

Via Giovanni XXIII 25

Biassono-MB

IT

PURCHASER OF AEROFLEX PARTS

DHL Express

Viale Milanofiori Palazzo U/3 Strada 5

Rozzano (Mi)

IT

FREIGHT FORWARDER

Kayser Threde GmbH

Wolfratshauser Strasse 48

Munchen

GM

POPULATION PCBs

RUAG Space AB

Solhusgatan 11

Goteborg

SW

POPULATION PCBs; ENVIRONMENTAL TESTS

HIMAC

4-9-1 Anagawa, Inage Ward, Chiba

Chiba Prefecture

JA

CALIBRATION FACILITIES

Physikalisch Technische Bundesanstalt

Bundesallee 100

Braunschweig

GM

CALIBRATION FACILITIES

IABG

Einsteinstrasse 20

Ottobrunn

GM

ENVIRONMENTAL TESTS; MAGNETIC TEST

ZARM Fallturm-Betriebsgesellschaft mbH / c/o Universitat Bremen

c/o Universitat Bremen, Am Fallturm

Bremen

GM

ENVIRONMENTAL TESTS

Iberespacio

Magallanes, 3, 4a planta

Madrid

SP

ENVIRONMENTAL TESTS

Universidad de Alcala

Ctra. Madrid-Barcelona

Alcala de Henares

SP

EPD CONSORTIUM PI INSTITUTION

Instituto Nacional de Tecnica Aeroespacial

Ctra. Ajalvir km. 4

Torrejon de Ardoz

SP

SUITE LEVEL TESTS AND INTEGRATION

ESTEC

Keplerlaan 1

Noordwijk

NL

EMC TESTS (POSSIBLE) & VACUUM TEST

UPS

Parcela B-4 Poligono San Nicolas

Alcala de Guadaira, Sevilla

SP

POSSIBLE FREIGHT FORWARDER

TNT

Avda. de Bruselas, 6 Alcobendas (Pol. Ind)

Madrid

SP

POSSIBLE FREIGHT FORWARDER

FedEx

Centro de Carga Aerea Madrid

Madrid

SP

POSSIBLE FREIGHT FORWARDER

DHL

C/Rumania 4

Coslada Madrid

SP

POSSIBLE FREIGHT FORWARDER

Transnatur

C/ Luxemburgo, 1 Centro de Transportes Coslada

Madrid

SP

POSSIBLE FREIGHT FORWARDER

19. Name and address of Seller in United States

Aeroflex Colorado Springs Incorporated  
4350 Centennial Blvd  
Colorado Springs, CO 80907

**\* 20. Specific purpose for which the material is required, including specific Program/End Item.**

☐ Off-Shore procurement

☐ Brokering (22 CFR § 129)

☐ Request for Prior Approval (22 CFR § 126.8)

☒ Other

PROJECT: Solar Orbiter SUMMARY: Parts will be integrated in Energetic Particle Detector (EPD) – EQM model. EPD will measure composition, timing, distribution functions of suprathermal and energetic particles. Strong link to BepiColombo through reuse of components will be outlined, and specific technology development needs for Solar Orbiter will be described. Parts will be used in EQM model and will not be flown in the satellite. END USER: Institut Fur Experimentelle und Angewandte Physik; The ExtraTerrestrial Physics Group in Kiel, Germany DIMAC IN-14446B PO # 139/13

**21. Name and address of consignor and/or freight forwarder in United States**

DHL Express  
1210 South Pine Island Road Fourth Floor  
Plantation, FL 33324

Aeroflex Colorado Springs Incorporated  
4350 Centennial Blvd  
Colorado Springs, CO 80907

FedEx Corporation Headquarters  
942 South Shady Grove Road  
Memphis, TN 38120

UPS Corporate Headquarters  
55 Glenlake Parkway, NE  
Atlanta, GA 30328

**\* 22. Applicant's statement**

I, Robert M Caudle, an empowered official (22 CFR § 120.25) or an official of a foreign government entity in the U.S., hereby apply for a license to complete the transaction above; warrant the truth of all statements made herein; and acknowledge, understand and will comply with the provisions of Title 22 CFR § 120-130, and any conditions and limitations imposed.

I am authorized by the applicant to certify the following in compliance with 22 CFR § 126.13:

(1) Neither the applicant, its chief executive officer, president, vice presidents, other senior officers or officials (e.g., comptroller, treasurer, general counsel) nor any member of its board of directors is:

(a) the subject of an indictment for or has been convicted of violating any of the U.S. criminal statutes enumerated in 22 CFR § 120.27 since the effective date of the Arms Export Control Act, Public Law 94-329, 90 Stat. 729 (June 30, 1976); or

(b) ineligible to contract with, or to receive a license or other approval to import defense articles or defense services from, or to receive an export license or other approval from any agency of the U.S. Government;

(2) To the best of the applicant's knowledge, no party to the export as defined in 22 CFR § 126.7 (e) has been convicted of violating any of the U.S. criminal statutes enumerated in 22 CFR § 120.27 since the effective date of the Arms Export Control Act, Public Law 94-329, 90 Stat. 729 (June 30, 1976); or is ineligible to contract with, or to receive a license or other approval to import defense articles or defense services from, or to receive an export license or other approval from any agency of the U.S. Government; and

22 CFR § 126.13 Certification (Select one):

- ☒ a. I am authorized by the applicant to certify that the applicant and all the parties to the transaction can meet in full the conditions of 22 CFR § 126.13 as listed above.
- ☐ b. I am authorized by the applicant to certify to 22 CFR § 126.13. The applicant or one of the parties of the transaction cannot meet one or more of the conditions of 22 CFR § 126.13 as listed above. A request for an exception to policy, as described in Section 127.11 of the ITAR, is attached.
- ☐ c. I am authorized by the applicant to certify to 22 CFR § 126.13. The applicant or one of the parties of the transaction cannot meet one or more of the conditions of 22 CFR § 126.13 as listed above. However that party has met the conditions imposed by the Directorate of Defense Trade Controls in order to resume standard submission of applications, not requiring an exception to policy as described in Section 127.11 of the ITAR.
- ☐ d. I am not authorized by the applicant to certify the conditions of 22 CFR § 126.13. The applicant and all the parties to the transaction can meet in full the conditions of 22 CFR § 126.13 as listed above. Please see the attached letter from an official that is authorized by the applicant to certify to the conditions of 22 CFR § 126.13.
- ☐ e. I am not authorized by the applicant to certify the conditions of 22 CFR § 126.13. The applicant or one of the parties of the transaction cannot meet one or more of the conditions of 22 CFR § 126.13 as listed above. A request for an exception to policy, as described in Section 127.11 of the ITAR, and a letter from an official that is authorized by the applicant to certify to the conditions of 22 CFR § 126.13 are attached.
- ☐ f. I am not authorized by the applicant to certify to 22 CFR § 126.13. The applicant or one of the parties of the transaction cannot meet one or more of the conditions of 22 CFR § 126.13 as listed above. However



that party has met the conditions imposed by the Directorate of Defense Trade Controls in order to resume standard submission of applications, not requiring an exception to policy as described in Section 127.11 of the ITAR. Please see the attached letter from an official that is authorized by the applicant to certify to the conditions of 22 CFR § 126.13.

Compliance with 22 CFR § 130 (Select one)

- ☒ This transaction does not meet the requirements of 22 CFR § 130.2.
- ☐ This transaction meets the requirements of 22 CFR § 130.2. The applicant or its vendors have not paid, nor offered, nor agreed to pay, in respect of any sale for which a license or approval is requested, political contributions, fees or commissions in amounts as specified in 22 CFR § 130.9(a).
- ☐ The applicant or its vendors have paid, or offered, or agreed to pay, in respect of any sale for which a license or approval is requested, political contributions, fees or commissions in amounts as specified in 22 CFR § 130.9(a). Information required under 22 CFR § 130.10 is attached.
- ☐ I am not authorized by the applicant to certify the conditions of 22 CFR § 130.9(a). Please see the attached letter for such certification.

Signature :

23. License to be to: (Enter name, address and phone number)

**Conditions of Issuance**

1. This license is issued under the conditions cited in 22 CFR § 120 - 130, including the provisos as applicable, that:

A. It shall not be construed as implying U.S. Government approval or commitment to authorize future exports of any article (equipment or technical data) on the Munitions List, or a U.S. Government commitment with regard to any proposed manufacturing license or technical assistance agreements which may result from an authorized export.

B. If a license is issued for technical data only, it does not authorize the export of any hardware; if a license is issued for hardware only, it does not authorize the export of any technical data, unless specifically covered by an exemption.

The issuance of this license does not release the licensee from complying with other requirements of U.S. law and regulations.

2. The prior written approval of the Department of State must be obtained before U.S. Munitions List articles exported from the U.S. under license or other approval may be resold, diverted, transferred, transshipped, reshipped, reexported to, or used in any country, or by any end-user, other than that described on the license or other approval as the country of ultimate destination or the ultimate end-user.

**PROVISOS**

There are none.

**RETURN OF LICENSE**

This license must be returned to PM/DDTC, SA-1, 12th Floor, Directorate of Defense Trade Controls, Bureau of

Political-Military Affairs, U.S. Department of State, Washington, DC 20522-0112 when: (1) the total value authorized has been shipped; (2) the applicant states that there will be no further shipments; (3) the date of expiration is reached; or (4) when requested by the Directorate of Defense Trade Controls.

### ENDORSEMENT

Indicate below which ITEM on the face of the license is BEING EXPORTED and maintain a CONTINUING BALANCE of the remaining value:

SHIPMENT DATE	QUANTITY	COMMODITY	SHIPMENT VALUE	SED NO.	INITIALS	PORT OF EXIT/ENTRY
TOTAL AUTHORIZED VALUE :						

REMAINING BALANCE :