



Astra Microwave Products Limited
On A Winning Wavelength

Annual Report 2013-14

Towards new frontiers
EXPLORE • INNOVATE • INVENT

www.astramwp.com

EXPLORE
INNOVATE
INVENT



Astra Microwave Products Limited

RF & Microwave Solutions for Strategic Applications

Vision

To be at the forefront of the wireless communication revolution through research and development.

Investing in technologies that can lead to leadership.

Employing the finest talent to reach the top through excellence.

INDEX

Contents	Page No.
Quick Information	4
Notice	6
Directors' Report	17
Auditor's Report	40
Balance Sheet	43
Profit & Loss Account	44
Cash Flow Statement	45
Significant Accounting Policies	47
Consolidated Financial Statements of Astra Microwave Products Limited	73

QUICK INFORMATION

Board of Directors	: Dr. Shibban K Koul, Chairman Mr. B. Malla Reddy, CEO and Managing Director Mr. P.A. Chitrakar, COO Mrs. C. Prameelamma, Director (Technical) Mr. Atim Kabra Mr. J. Venkatadas Mr. S. Gurunatha Reddy, CFO and Whole Time Director Mr. M. Venkateshwar Reddy, Director – (Mktg & Operations) Mr. T. Ramachandru, IAS (w.e.f. 30.10.2013) Mr. U.K. Kalyanaramudu (w.e.f. 28.04.2014)
Company Secretary	: Mr.T. Anjaneyulu
Auditors	: M/s. Amar & Raju Chartered Accountants Flat No: 201, KOR Residency, H.No:8-3-966/16, Road No:3, Nagarjuna Nagar, Srinagar Colony, Hyderabad – 500 073.
Bankers	: Canara Bank, Prime Corporate Branch, Secunderabad HDFC Bank Ltd., Lakdikapul, Hyderabad. State Bank of India Overseas Branch, Hyderabad. ICICI Bank Ltd., Gachibowli, Hyderabad. Axis Bank Ltd., G. Pullareddy Bldg. Green Lands, Hyderabad - 500 016
Registered Office	: ASTRA Towers, Survey No.12(P), Kothaguda Post, Kondapur, Hitechcity, Hyderabad – 500 084. Phone: 040-30618000 / 8001 Website: www.astramwp.com CIN: L29309AP1991PLC013203

Factories

: **Unit I**
Plot No.12, ANRICH Industrial Estate,
Miyapur, IDA Bollarum,
Medak (District) – 502 325 A.P.

Unit II
Plot No.56A, 56B and 57A,
ANRICH Industrial Estate,
Miyapur, IDA Bollarum,
Medak (District) – 502 325 A.P.

Unit III
Survey No.1/1, Imarat Kancha,
Raviraya Village,
Maheswaram Mandal,
Rangareddy (District) – 500 010 A.P.

Unit IV
Plot no: 18, 19, 20 & 21 (Part)
Hardware Park, Sy.No: 1/1,
Imarat Kancha of Raviraya Village,
Maheswaram Mandal,
R.R.Dist.

Registrars

: Purva Sharegistry (India) Pvt. Ltd.,
Shiv Shakti Industrial Estate,
Unit No.9 , Ground Floor,
7 B J R Boricha Marg,
Lower Parel, Mumbai - 400 011
Tele:91-022-23016761
Email:busicomp@gmail.com

Listing

: The Bombay Stock Exchange Ltd.,
The National Stock Exchange of India Ltd.

NOTICE OF ANNUAL GENERAL MEETING

NOTICE IS HEREBY GIVEN that the Twenty Third Annual General Meeting of the Members of **Astra Microwave Products Limited** will be held at Swagath-De-Royal Hotel, 2-36, Kothaguda X Roads, Kondapur, Hyderabad on Thursday, the 31st July, 2014 at 12.30 P.M for the transaction of the following business:-

ORDINARY BUSINESS

1. To receive, consider and adopt the Financial Statements of the Company for the year ended 31st March, 2014 including audited Balance Sheet as at 31st March, 2014 and the Statement of Profit and Loss Account for the year ended on that date and the Reports of the Board of Directors and Auditors thereon.
2. To declare a dividend on Equity Shares.
3. To appoint a Director in place of Mr.B.Malla Reddy (holding DIN 00003154), who retires by rotation and being eligible offers himself for reappointment.
4. To appoint M/s Amar & Raju, Chartered Accountants (Registration No.000092S), the retiring Auditors of the Company, who shall hold office from the conclusion of this Annual General Meeting until the conclusion of the next Annual General Meeting of the Company and to fix their remuneration.

SPECIAL BUSINESS

5. To consider and if thought fit, to pass with or without modification(s), the following resolution as an **Ordinary Resolution:**

“RESOLVED that pursuant to the provisions of Sections 149, 152 read with Schedule IV and all other applicable provisions of the Companies Act, 2013 and the Companies (Appointment and Qualification of Directors) Rules, 2014 (including any statutory modification(s) or re-enactment thereof for the time being in force) and Clause 49 of Listing Agreement, Dr. Shibani K Koul (holding DIN 00003360), who was appointed as a Director liable to retire by rotation and whose term expires at this Annual General Meeting and in respect of whom the Company has received a notice in writing under Section 160 of the Companies Act, 2013 from a member proposing his candidature for the office of Director, be and is hereby appointed as an Independent Director of the Company to hold office for 5 (Five) consecutive years for a term up to March 31, 2019.”

6. To consider and if thought fit, to pass with or without modification(s), the following resolution as an **Ordinary Resolution:**

“RESOLVED that pursuant to the provisions of Sections 149, 152 read with Schedule IV and all other applicable provisions of the Companies Act 2013 and the Companies (Appointment and Qualification of Directors) Rules, 2014 (including any statutory modification(s) or re-enactment thereof for the time being in force) and Clause 49 of Listing Agreement, Mr. J. Venkatadas (holding DIN 00003227), who was appointed as a Director liable to retire by rotation and whose term expires at this Annual General Meeting and in respect of whom the Company has received a notice in writing under Section 160 of the Companies Act, 2013 from a member proposing his candidature for the office of Director, be and is hereby appointed as an Independent Director of the Company to hold office for 5 (Five) consecutive years for a term up to March 31, 2019.”

7. To consider and if thought fit, to pass with or without modification(s), the following resolution as an **Ordinary Resolution:**

“RESOLVED that pursuant to the provisions of Sections 149, 152 read with Schedule IV and all other applicable provisions of the Companies Act, 2013 and the Companies (Appointment and Qualification of Directors) Rules, 2014 (including any statutory modification(s) or re-enactment thereof for the time being in force) and Clause 49 of Listing Agreement, Mr.T.Ramachandru (holding DIN 02000451), who was appointed as an Additional Director of the Company by the Board of Directors with effect from 30th October, 2013, in terms of Section 260 of the Companies Act, 1956 (corresponding to Section 161(1) of the Companies Act, 2013) and whose term of office expires at the Annual General Meeting and in respect of whom the Company has received a notice in writing from a member proposing his candidature for the office of Director, be and is hereby appointed as an Independent Director of the Company to hold office for 5 (Five) consecutive years for a term up to March 31, 2019.”

8. To consider and if thought fit, to pass with or without modification(s), the following resolution as an **Ordinary Resolution:**

“RESOLVED that Mr.U.K.Kalyanaramudu (holding DIN 05227194) who was appointed as an Additional Director of the Company by the Board of Directors with effect from 28th April, 2014, in terms of Section 161 (1) of the Companies Act, 2013 and whose term of office expires at the Annual General Meeting and in respect of whom the Company has received a notice in writing from a member proposing his candidature for the office of Director, be and is hereby appointed as a Director of the Company whose period of office shall be liable to determination by retirement of directors by rotation.”

9. To consider and if thought fit, to pass with or without modification(s), the following resolution as a **Special Resolution:**

“RESOLVED that pursuant to Sections 197 and other applicable provisions, if any, of the Companies Act, 2013, the consent of the Company be and is hereby accorded for the payment of remuneration by way of commission to Non Executive Directors, who are not in the whole time employment of the Company in such amounts or proportion or in such manner as may be decided by the Board of Directors in accordance with policy approved by Nomination and Remuneration committee of the company from time to time for a further period of five years with effect from 01.04.2014 to 31.03.2019, which shall not exceed 1% of Net Profits of the Company (profits computed as per the provisions of Section 198 of the Companies Act, 2013) in any financial year.”

10. To consider and if thought fit, to pass with or without modification(s), the following resolution as a **Special Resolution:**

“RESOLVED THAT, in modification of the resolution, limiting the borrowing powers of the Board of Directors of the Company upto Rs. 500 crores (Rupees Five hundred crores only) in excess of the aggregate of the paid up capital of the company and its free reserves, passed by the company at the 21st Annual General Meeting of the Company held on 30th July, 2012, the Board of Directors of the Company be and is hereby authorized under Section 180(1)(c) of the Companies Act, 2013 and other applicable provisions, if any, of the Companies Act, 2013 to borrow from time to time all such sums of money as they may deem requisite for the purpose of the business of the Company provided that the moneys to be borrowed together with moneys already borrowed by the Company (apart from temporary loans obtained from the company's bankers in the ordinary course of business) shall not exceed the aggregate of the paid up capital and free reserves by more than Rs. 1000 crores (Rupees One thousand crores only).”

11. To consider and if thought fit, to pass with or without modification(s), the following resolution as a **Special Resolution:**

“RESOLVED THAT, in modification of the resolution passed at the 21st Annual General Meeting held on 30th July, 2012, the consent of the Company be and is hereby accorded to the Board of Directors pursuant to the provisions of Section 180(1)(a) of the Companies Act, 2013 and other applicable provisions, if any, of the Companies Act, 2013, read with Article 32 of the Articles of Association of the Company, for the creation of such mortgages, charges and hypothecations, on all immovable and movable properties of the company, both present and future, up to an amount not exceeding the aggregate of the paid up capital and free reserves by more than Rs. 1000 crores (Rupees One thousand crores only) in favour of lending Financial Institution (s) / Corporate Body (s) / person (s) / Corporation (s) / Government (s) / Lenders (s) / Bank (s) for moneys borrowed or to be borrowed.”

FURTHER RESOLVED THAT the Board of Directors of the company be and are hereby authorized to finalise the terms and conditions for creating the aforesaid mortgages and / or charges and to execute the documents and such other agreements and also to agree to any amendments thereto from time to time as it may think fit for the aforesaid purpose and to do all such acts, deeds, matters and things as may be necessary and expedient for giving effect to this resolution.”

12. To consider and if thought fit, to pass with or without modification(s), the following resolution as a **Special Resolution:**

“RESOLVED that pursuant to Section 61, 64 and other applicable provisions, if any, of the Companies Act, 2013, (including any amendment thereto or re-enactment thereof) and the rules framed there under, the Authorised Share Capital of the Company be and is hereby authorized to be increased from Rs.20,00,00,000 (Rupees Twenty crores only) divided into 10,00,00,000 (Ten crores) Equity shares of

Rs.2/- each to Rs.30,00,00,000 (Rupees Thirty crores only) divided into 15,00,00,000 (Fifteen crores) Equity shares of Rs.2/- each by creation of additional 5,00,00,000 (Five crores) Equity Shares of Rs.2/- each, ranking pari-passu in all respects with the existing Equity Shares of the Company”.

13. To consider and if thought fit, to pass with or without modification(s), the following resolution as a **Special Resolution:**

“RESOLVED that pursuant to the provisions of Section 13 and 61 and other applicable provisions of the Companies Act, 2013 (including any amendment thereto or re-enactment thereof) and the rules framed there under the consent of the Members be and is hereby accorded for substituting clause IV of the Memorandum of Association of the Company with the following clause:

IV. "The Authorized Share Capital of the Company is Rs.30,00,00,000/- (Rupees Thirty crores only) divided in to 15,00,00,000 (Fifteen crores only) Equity shares of Rs.2/- (Rupees Two only) each with a power to increase or reduce the Capital and divide the shares in the capital in accordance with the Company's regulations and legislative provisions for the time being in force in that behalf with the powers to divide the share capital, whether original increased or decreased into several classes and attach thereto respectively such ordinary, preferential or special rights and conditions in such a manner as may for the time being be provided by the Regulations of the Company and allowed by law".

14. To consider and if thought fit, to pass with or without modification(s), the following resolution as a **Special Resolution:**

“RESOLVED that pursuant to the provisions of Section 14 and other applicable provisions of the Companies Act, 2013 (including any amendment thereto or re-enactment thereof) and the rules framed there under the consent of the Members be and is hereby accorded for substituting clause 4 of the Articles of Association of the Company with the following clause:

4. “The Authorized Share Capital of the Company is Rs.30,00,00,000/- (Rupees Thirty crores only) divided in to 15,00,00,000 (Fifteen crores only) Equity shares of Rs.2/- (Rupees Two only) each with a power to increase or reduce the Capital and divide the shares in the capital in accordance with the Company's regulations and legislative provisions for the time being in force in that behalf with the powers to divide the share capital, whether original increased or decreased into several classes and attach thereto respectively such ordinary, preferential or special rights and conditions in such a manner as may for the time being be provided by the Regulations of the Company and allowed by law.

15. To consider and if thought fit, to pass with or without modification(s), the following resolution as a **Special Resolution:**

"RESOLVED that pursuant to the provisions of Section 14 and other applicable provisions of the Companies Act, 2013 (including any amendment thereto or re-enactment thereof) and the rules framed there under the consent of the Members be and is hereby accorded for deleting article nos: 8, 15, 19.2 to 19.5 and 19.7 to 19.8 of the Articles of Association of the Company".

“RESOLVED further that Mr.B.Malla Reddy, Managing Director be and is hereby authorized to sign and submit such forms as are required to be filed with any statutory authority / ies and to do such acts, deeds, matters and things as may be considered necessary or desirable to give effect to this Resolution.”

16. To consider and if thought fit, to pass with or without modification(s), the following resolution as an **Ordinary Resolution:**

“RESOLVED that the decision to pay a Remuneration of Rs.90,000/- (Rupees Ninety thousand only) to M/s. G.S. & Associates, the Cost Auditors of the Company for the year 2014-15, as recommended by the Audit Committee and approved by the Board of Directors, be and is hereby ratified.”

“RESOLVED FURTHER that the Board of Directors of the Company be and is hereby authorized to do all acts and take all such steps as may be necessary, proper or expedient to give effect to this resolution.”

By order of the Board
For Astra Microwave Products Limited

NOTES

1. A Member entitled to attend and vote at the AGM is entitled to appoint a proxy to attend and vote in the meeting and the proxy need not be a member of the Company.
2. The instrument appointing the proxy must be deposited at the registered office of the company not less than 48 hours before the commencement of the meeting.
3. Members / proxies should bring duly filled Attendance Slips sent herewith to attend the meeting.
4. The Authorised Representatives of the Corporate Members are requested to bring a certified true copy of the Board Resolution pursuant to Section 113 of the Companies Act, 2013 duly authorizing them to attend and vote at the Annual General Meeting.
5. An Explanatory Statement pursuant to Section 102(1) of the Companies Act, 2013 relating to the special business to be transacted at the meeting is annexed hereto.
6. The register of members and share transfer books of the Company will remain closed from 24.07.2014 to 31.07.2014 (both days inclusive).
7. The dividend of Rs.1.10/- per share for the year ended March 31, 2014 as recommended by the Board, if sanctioned at the Annual General Meeting, will be payable to those members whose names appear on the Company's register of members on 31st July, 2014. In respect of shares held in electronic form, dividend will be payable on the basis of beneficial ownership as per details furnished by NSDL and CDSL for this purpose.
8. Members whose shareholding is in the electronic mode are requested to inform change of address and updates of savings bank account details to their respective depository participants. Members are encouraged to utilize the Electronic Clearing System (ECS) for receiving dividends. While members holding shares in physical form, may write to the Registrar and Transfer Agent for any change in their addresses immediately so as to enable the Company to dispatch dividend warrants at their correct addresses.
9. Members wishing to claim dividends, which remain unclaimed are requested to correspond with the Company Secretary, at the Company's registered office. Members are requested to note that dividends not encashed or claimed within seven years from the date of transfer to the Company's Unpaid Dividend Account, will, as per Section 205A of the Companies Act, 1956, be transferred to the Investor Education and Protection Fund.
10. Members are requested to send their queries, if any, on the accounts and operations of the Company, to the Company Secretary at least 7 days before the meeting.
11. A Member or his/her proxy is requested to bring the annual report to the meeting as extra copies will not be distributed.
12. Members who have not registered their e-mail addresses so far are requested to register their e-mail address for receiving all communication including Annual Report, Notices etc., from the Company electronically.
13. Pursuant to the provisions of Section 107 and 108, read with the Companies (Management and Administration) Rules, 2014, the Company is pleased to offer the option of E-Voting facility to all the members of the Company. For this purpose, the Company has entered into an agreement with Central Depository Services (India) Limited (CDSL) for facilitating e-voting. The Members who wish to attend Annual General Meeting can vote at the Meeting. The Company has appointed Mr. L. D. Reddy, Practising Company Secretary as Scrutinizer.

The procedure and instructions for e-voting are as under:

- i) Open your web browser during the voting period and log on to the e-voting website **www.evotingindia.com**.
- ii) Now click on "Shareholders" to cast your votes.
- iii) Now, select the Electronic Voting Sequence Number - "EVSN" along with "ASTRA MICROWAVE PRODUCTS LIMITED" from the drop down menu and click on "SUBMIT"
- iv) Now, fill up the following details in the appropriate boxes:

User -ID	For Members holding shares in Demat Form:- a) For NSDL:- 8 Character DP ID followed by 8 digits Client ID b) For CDSL:- 16 digits beneficiary ID For Members holding shares in Physical Form:- • Folio Number registered with the Company
Password	Your Unique password allocated by the Company
PAN*	Enter your 10 digit alpha-numeric PAN issued by the Income Tax Department
DOB	Enter the Date of Birth as recorded in your demat account or in the company records for the said demat account or folio in dd/mm/yyyy format.
Dividend Bank Details	Enter the Dividend Bank Details as recorded in your demat account or in the company records for the said demat account or folio.

* Members who have not updated their PAN with the Company / Depository participant are requested to use default number 'ABCDE1234F' in the field.

- v) After entering these details appropriately, click on "SUBMIT" tab.
- vi) Members holding shares in Physical form will then reach directly to the voting screen.
- vii) Members holding shares in Demat form will now reach Password Change menu wherein they are required to mandatorily change their login password in the New password field. The new password has to be minimum eight characters consisting of atleast one upper case (A-Z), one lower case (a-z), one numeric value (0-9) and a special character. Kindly note that this password is also to be used by the Demat holders for voting for resolution of any other Company on which they are eligible to vote, provided that Company opts for e-voting through CDSL platform. It is strongly recommended not to share your password with any other person and take utmost care to keep your password confidential.
- viii) You can also update your mobile number and e-mail ID in the user profile details of the folio which may be used for sending communication(s) regarding CDSL e-voting system in future. The same may be used in case the Member forgets the password and the same needs to be reset.
- ix) If you are holding shares in Demat form and had logged on to www.evotingindia.com and casted your vote earlier for EVSN of any company, then your existing login id and password are to be used.
- x) For Members holding shares in physicals form, the password and default number can be used only for e-voting on the resolutions contained in this Notice.
- xi) On the voting page, you will see Resolution Description and against the same the option "YES/NO" for voting. Enter the number of share (which represents number of votes) under YES/NO or alternatively you may partially enter any number in YES and partially in NO, but the total number in YES and NO taken together should not exceed your total shareholding.
- xii) After selecting the resolution you have decided to vote on, click on "SUBMIT". A confirmation box will be displayed. If you wish to confirm your vote, click on "OK", else to change your vote, click on "CANCEL" and accordingly modify your vote.
- xiii) Once you "CONFIRM" your vote on the resolution, you will not be allowed to modify your vote.
- xiv) Institutional members (i.e. other than individuals, HUF, NRI etc.) are required to send scanned copy (PDF/JPG Format) of the relevant Board Resolution / Authority letter etc. together with attested specimen signature of the duly authorized signatory(ies) who are authorized to vote, to the Scrutinizer through e-mail at I.d.reddy@gmail.com with a copy marked to helpdesk.evoting@cdslindia.com.
- xv) In case you have any queries or issues regarding e-voting, please contact helpdesk.evoting@cdslindia.com.
- xvi) The e-voting period commences on 25th July, 2014 and ends on 27th July, 2014.

By order of the Board
For Astra Microwave Products Limited